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The Trusted Integrator for Sustainable Solutions

REMOVAL SUPPORT TEAM 2
EPA CONTRACT EP-W-06-072

May 21, 2014

Mr. Angel Rodriguez, On-Scene Coordinator
U.S. Environmental Protection Agency
Response and Prevention Branch
Caribbean Environmental Protection Division, Region II
1492 Peñuelas De Leon Ave., Suite 417
San Juan, PR 00907-4127

EPA CONTRACT No.: EP-W-06-072

TDD No.: TO-0029-0122

DOCUMENT CONTROL No.: RST 2-02-F-2812

**SUBJECT: PHASE IV REMOVAL ASSESSMENT SAMPLING TRIP REPORT –
PUERTO RICO OLEFINS ASBESTOS SITE, PEÑUELAS, PUERTO RICO**

Dear Mr. Rodriguez,

Enclosed please find the Phase IV Removal Assessment Sampling Trip Report for the residential and commercial indoor air and micro vac sampling activities conducted on March 4 through 27, 2014 at the properties within 0.25 miles from the Puerto Rico Olefins Asbestos Site located in Peñuelas, Puerto Rico. If you have any questions or comments, please do not hesitate to contact me at (787) 354-2489.

Sincerely,

Weston Solutions, Inc.

For Carlos Huertas
RST 2 Site Project Manager

Enclosure

cc: TDD File No.: TO-0029-0122

**PHASE IV REMOVAL ASSESSMENT
SAMPLING TRIP REPORT
PUERTO RICO OLEFINS ASBESTOS SITE
PEÑUELAS, PUERTO RICO**

Prepared for:

U.S. Environmental Protection Agency
Region II – Response and Prevention Branch
Edison, New Jersey 08837

Prepared by:

Removal Support Team 2
Weston Solutions, Inc.
East Division
Edison, New Jersey 08837

DC No.: RST 2-02-F-2812
TDD No.: TO-0029-0122
EPA Contract No.: EP-W-06-072

May 2014

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PHASE IV REMOVAL ASSESSMENT SAMPLING TRIP REPORT

SITE NAME: Puerto Rico Olefins Asbestos Site –
(0.25 Mile Radius)
DC No.: RST 2-02-F-2812
TDD No.: TO-0029-0122
SAMPLING DATES: March 4 through 27, 2014

1. Site Location: Peñuelas, Puerto Rico
Refer to Attachment A, Figure 1: Site Location Map

2. Sample Descriptions: 100 air samples, including two lot blanks and five field blanks, and 103 micro vac samples, including two lot blanks and five field blanks. Refer to Attachment A, Figure 2: Quarter Mile Properties - Sample Location Map; and Attachment B, Table 1: Sample Collection Information and Validated Analytical Data Summary - Indoor Air PCM, Table 2: Sample Collection Information and Validated Analytical Data Summary - Indoor Air TEM; and Table 3: Sample Collection Information and Validated Analytical Data Summary - Micro Vac TEM.

3. Laboratory Receiving Samples:

Lab Name/Location	Sample Type	Parameters
Batta Laboratories 6 Garfield Way Newark, DE 19713	Air	Asbestos PCM - NIOSH 7400 Asbestos TEM - NIOSH 7402 Asbestos ISO Method 13794:199(E)
	Micro Vac	Asbestos TEM - ASTM Method D-5755-09

PCM - Phase contrast microscopy

TEM- Transmission electron microscopy

4. Sample Dispatch Data:

From March 5 through 28, 2014, Weston Solutions, Inc., Removal Support Team 2 (RST 2) shipped a total of 100 air samples, including two lot blanks and five field blanks, and 103 micro vac samples, including two lot blanks and five field blanks, to Batta Laboratories located in Newark, Delaware for asbestos analysis. Refer to Attachment C, Table 5: Sample Dispatch Information Table, Chain of Custody Records, and FedEx Airbills.

5. Personnel On Site:

<u>Name</u>	<u>Representing</u>	<u>Duties On-Site</u>
Angel Rodriguez	U.S. EPA, Region II	On-Scene Coordinator
Geoffrey Garrison	U.S. EPA, Region II	On-Scene Coordinator
Carlos Huertas	RST 2, Region II	Site Project Manager, Field Coordinator, Site Health and Safety, Sample Collection and Sample Management
Emilio Betancourt	RST 2, Region II	Sample Collection and Sample Management
Joel Petty	RST 2, Region II	Sample Collection, Site QA/QC and Sample Management

6. Site Background:

The Puerto Rico Olefins Asbestos Site (the Site) is located at Road 385, KM 5.4, Tallaboa, Poniente Peñuelas, Puerto Rico. During a visual inspection, the U.S. Environmental Protection Agency (EPA) identified fugitive dust clouds migrating out of the facility during demolition activities conducted by HOMECA Inc. Beginning in 2010 and continuing until the present, an asbestos abatement occurred at the Site. Improper asbestos abatement techniques may have been used at the Site resulting in potential asbestos contamination throughout the Site and in residential neighborhoods downwind of the Site.

On November 21, 2013, as part of Phase I of the Removal Assessment, the EPA On-Scene Coordinator (OSC), EPA Air Program representative, and RST 2 mobilized to the Site to perform multi-media sampling. As directed by the EPA OSC, RST 2 collected five bulk samples, including one field duplicate, four soil samples, including one field duplicate, and 10 wipe samples, including one wipe blank. Bulk samples were collected and submitted for asbestos analysis via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM). Soil samples were collected and submitted for asbestos analysis via modified EPA 600/R-93/116 Method using Transmission Electron Microscopy (TEM) with California Air Resource Board (CARB) 435 prep. Wipe samples were collected and submitted for asbestos analysis via American Society for Testing Materials (ASTM) 6480-05 Method. Samples were collected from outside areas where suspected asbestos contamination may have occurred and inside areas where asbestos may have entered the building.

On December 13, 2013, as part of Phase I of the Removal Assessment, the EPA OSC and RST 2 remobilized to the Site to collect two additional bulk samples. The additional bulk samples were collected from two specific locations as directed by the EPA OSC. The two bulk samples were collected and submitted for asbestos analysis via EPA 600/R-93/116 Method using PLM. Samples were collected from outside areas where suspected asbestos contamination may have occurred.

Based on the validated analytical results of the samples collected as part of Phase I of the Removal Assessment, asbestos was detected in bulk samples ranging from non-detect to 40 percent (%) amosite and 20% chrysotile, in soil samples ranging from 3 amosite/chrysotile asbestos structures to 9 amosite/chrysotile asbestos structures, and in wipe samples ranging from 7,760 structures per square centimeter (str/cm²) to 374,000 str/cm². The two additional bulk samples collected on December 13, 2013 were both non-detect for asbestos. The wipe blank sample was non-detect for asbestos.

On December 4 and 5, 2013, as part of Phase II of the Removal Assessment, the EPA OSC and RST 2 mobilized to the Jorge Lucas Perez Valdivieso School, located approximately 0.25 miles south of the Site, to conduct air sampling activities within classrooms identified by the EPA OSC. The school is separated into two areas referred to be RST 2 as Area 1 and Area 2. The two separate areas are separated by a road way. As directed by the EPA OSC, RST 2 established three air sampling stations within eight of the schools classrooms (CR01 through CR08). Air samples were collected from each of the established air sampling stations within each classroom but per the request of the EPA OSC only one of the air samples from each of the classrooms was submitted for asbestos analysis.

On December 5, 2013, as part of Phase II of the Removal Assessment, RST 2 shipped 11 air samples, including two lot blanks and one field blank, to the EMSL Analytical, Inc. laboratory for asbestos analysis via Method ISO 10312 - International Standard for the Determination of Asbestos Fibers - Direct Transfer. Per the request of the EPA OSC, on December 13, 2013, RST 2 shipped the additional two air samples collected on December 4, 2013 from classroom CR01 to the EMSL Analytical, Inc. laboratory for asbestos analysis via Method ISO 10312 - International Standard for the Determination of Asbestos Fibers - Direct Transfer.

Based on the validated analytical results of the samples collected as part of Phase II of the Removal Assessment, chrysotile asbestos was detected in eight of the 10 field air samples submitted for asbestos analysis. The total number of asbestos structures in the positive detections ranged between 2 and 25. The reported concentrations in the positive detections ranged between 0.0004 structures per cubic centimeter (s/cc) and 0.0032 s/cc.

On December 12 and 13, 2013, as part of Phase IIIA of the Removal Assessment, the EPA OSC and RST 2 mobilized to the Jorge Lucas Perez Valdivieso School to perform wipe sampling within the classrooms of the school. The areas identified in each classroom to be sampled were the entrance, near a window, and the dustiest area in the room. A total of 90 wipe samples, including five field blanks and one lot blank, were collected from 28 classrooms (CR01 through CR29, excluding CR27). Classroom CR27 and some other general areas of the school were not sampled due to the fact that the areas were not accessible or as directed by the EPA OSC. Wipe samples were collected and submitted for asbestos analysis via ASTM 6480-05 Method.

Based on the validated analytical results of the samples collected as part of Phase IIIA of the Removal Assessment, asbestos was detected in wipe samples ranging from non-detect to 363,000 str/cm². The wipe blank samples were non-detect for asbestos.

On December 17 through 19, 2013, as part of Phase IIIB of the Removal Assessment, the EPA OSC and RST 2 mobilized to the Tallaboa Encarnacion Community to perform wipe sampling on the exterior of several properties. As directed by the EPA OSC, the area identified to be sampled had to be exposed to ambient air, but not exposed to rain or had not been cleaned recently. A total of 27 wipe samples, including two field blanks, were collected from 24 properties (P0005 through P0028). Wipe samples were collected and submitted for asbestos analysis via ASTM 6480-05 Method.

Based on the validated analytical results of the samples collected as part of Phase IIIB of the Removal Assessment, asbestos was detected in wipe samples from non-detect to 32,200,000 str/cm². The wipe blank samples were non-detect for asbestos.

On January 2 and 3, 2014, as part of Phase IIIC of the Removal Assessment, the EPA OSC, RST 2, and the Puerto Rico Environmental Quality Board (EQB) mobilized to background locations, selected by the EPA OSC, at different distances and directions from the Site. As directed by the EPA OSC, the area identified to be sampled had to be exposed to ambient air, but not exposed to rain or have not been cleaned recently. A total of 13 wipe samples, including one field blank, were collected from 12 properties (P0029 through P0040). Properties P0029 through P0032 were located over five miles northwest of the Site; properties P0033 through P0036 were located over one mile north of the Site; and properties P0037 through P0040 were located over two miles southeast of the Site. Wipe samples were collected and submitted for asbestos analysis via ASTM 6480-05 Method.

Based on the validated analytical results of the samples collected as part of Phase IIIC of the Removal Assessment, asbestos was detected in wipe samples ranging from non-detect to 160,000 str/cm². The wipe blank sample was non-detect for asbestos.

On January 9, 2014, as part of Phase IIID of the Removal Assessment, the EPA OSC and RST 2 mobilized to the Head Start Encarnacion School (property P0014) to perform wipe sampling activities within the school. As directed by the EPA OSC, RST 2 collected five wipe samples from inside the classroom. The areas identified in each classroom to be sampled were the entrance, near a window, the dustiest area in the room, and two other high use areas. A total of five wipe samples were collected from property P0014. Wipe samples were collected and submitted for asbestos analysis via ASTM 6480-05 Method.

Based on the validated analytical results of the samples collected as part of Phase IIID of the Removal Assessment, asbestos was detected in wipe samples ranging from 2,910 str/cm² to 41,700 str/cm².

As part of Phase IV of the investigation, RST 2 was tasked with conducting residential and commercial indoor air and micro vac sampling activities at properties located within 0.25 miles of the Site.

7. Phase IV Removal Assessment Summary:

From March 4 through 27, 2014, the EPA OSC and RST 2 mobilized to the Tallaboa Encarnación area in Peñuelas, Puerto Rico to perform indoor air and micro vac sampling activities at 32 residential/commercial properties (property P0008 is considered two separate properties) located within 0.25 miles of the Site. Refer to Attachment A, Figure 2: Quarter Mile Properties - Sample Location Map for the location of each property.

All air samples collected as part of Phase IV of the investigation were done so utilizing high volume air sampling pumps. The high volume air sampling pumps were located at the entrance, middle, and on the appositive side of the door towards the end of each room sampled. The high volume air sampling pumps were calibrated before and after each

sampling interval utilizing a BIOS Drycal and were set at a flow rate of 10 liters per minute (L/min). The high volume air sampling pumps were allowed to run for a period of 6 hours to achieve the required volume of approximately 3,600 liters. Each air sample was collected using 0.45 µm MCE cassettes utilizing EPA Environmental Response Team (ERT) Standard Operating Procedure (SOP) Numbers (Nos.) 2008, General Air Sampling Guidelines, and 2015, Asbestos Sampling, as well as Method ISO 10312 - International Standard for the Determination of Asbestos Fibers - Direct Transfer, as guidance. Air samples were submitted for asbestos analysis via phase contrast microscopy (PCM) Method [National Institute for Occupational Safety and Health (NIOSH) 7400], TEM Method (NIOSH 7402), and/or ISO Method 13794:199(E).

Micro vac surface-dust samples were collected from the interior of properties, at locations selected by the EPA OSC, using a 0.45 µm, 25 mm cellulose membrane cartridge and a low volume sampling pump set at 2 L/min. The low volume sampling pumps were allowed to run for a period of 2 minutes to achieve the required volume of approximately 4 liters. A piece of tubing, about two inches in length and cut at a 45° angle, was placed at the end of the cartridge. Each sample was collected from a 10 centimeter (cm) by 10 cm area [100 square centimeter (cm²)] using a dedicated disposable template for each sample location. All micro vac samples were collected in accordance with EPA ERT SOP No. 2011 Chip, Wipe, and Sweep Sampling. Micro vac samples were submitted for asbestos analysis via ASTM Method D-5755-09.

Refer to Attachment D for the Photographic Documentation Log for the Phase IV Removal Assessment sampling event.

8. Analytical Discussion:

Based on the validated PCM analytical results of the air samples collected as part of Phase IV of the Removal Assessment, asbestos was detected in each property sampled at concentrations ranging from <0.001 fibers per cubic centimeter (F/cc) to 0.02 F/cc. Six properties sampled were not able to be run for PCM analysis due to the cassettes being overloaded with particulates. Refer to Attachment B, Table 1: Sample Collection Information and Validated Analytical Data Summary - Indoor Air PCM.

Based on the validated TEM analytical results of the air samples collected as part of Phase IV of the Removal Assessment, chrysotile, anthophyllite, actinolite, or tremolite asbestos fibers were detected in 16 of the 32 properties sampled. The reported concentrations in the positive detections ranged between 0.00018 s/cc to 0.5299 s/cc. In addition, six properties (including the separated property P0008) contained asbestos concentrations which exceeded the Site-Specific Action Levels of 0.0009 s/cc for residential properties and 0.002 s/cc for commercial properties. Refer to Attachment A, Figure 3: Quarter Mile Properties - Indoor Air TEM Analytical Results Map (Exceedences Only); Attachment B, Table 2: Sample Collection Information and Validated Analytical Data Summary - Indoor Air TEM; and Attachment B, Table 4: Validated Analytical Data Summary - Comparison of Concentrations Exceeding Action Levels.

Based on the validated TEM analytical results of the micro vac samples collected as part of Phase IV of the Removal Assessment, chrysotile, actinolite, or amosite asbestos fibers were detected in 26 of the 32 properties sampled. The reported concentrations in the positive detections ranged between 231.3 s/cm² to 12,782,000.0 s/cm². In addition, 13 properties (including the separated property P0008) contained asbestos concentrations which exceeded the Site-Specific Action Levels of 5,000 s/cm². Refer to Attachment A, Figure 4: Quarter Mile Properties - Micro Vac TEM Analytical Results Map (Exceedences Only); Attachment B, Table 3: Sample Collection Information and Validated Analytical Data Summary - Micro Vac TEM; and Attachment B, Table 4: Validated Analytical Data Summary - Comparison of Concentrations Exceeding Action Levels.

Report prepared by:


for Carlos Huertas
RST 2 Site Project Manager

Date:

5/21/14

Report reviewed by:


Timothy Benton
RST 2 Operations Manager

Date:

5/21/14

ATTACHMENT A

Figure 1: Site Location Map

Figure 2: Quarter Mile Properties - Sample Location Map

Figure 3: Quarter Mile Properties - Indoor Air TEM Analytical Results Map (Exceedences Only)

Figure 4: Quarter Mile Properties - Micro Vac TEM Analytical Results Map (Exceedences Only)



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013

Legend



Site Location

0 0.05 0.1 0.2 0.3 0.4
Miles



Weston Solutions, Inc.
East Division

In Association With
H & S Environmental, Inc.,
Scientific and Environmental Associates, Inc.
and Avatar Environmental, LLC.

Figure 1 Site Location Map

**Puerto Rico Olefins Asbestos
Penuelas, Puerto Rico**

U.S. ENVIRONMENTAL PROTECTION AGENCY
REMOVAL SUPPORT TEAM 2
CONTRACT # EP-W-06-072

DATE MODIFIED: 12/26/2013
GIS ANALYST: T. BENTON
EPA OSC: A. RODRIGUEZ
RST SPM: C. HUERTAS
FILENAME: SITEMAP.MXD



OCEANO ATLANTICO

PR

MAR CARIBE

SCALE
1:5,500

LEGEND

Property Locations

Site Boundary

0.25 Mile Radius

Figure 2:
Quarter Mile Properties -
Sample Location Map

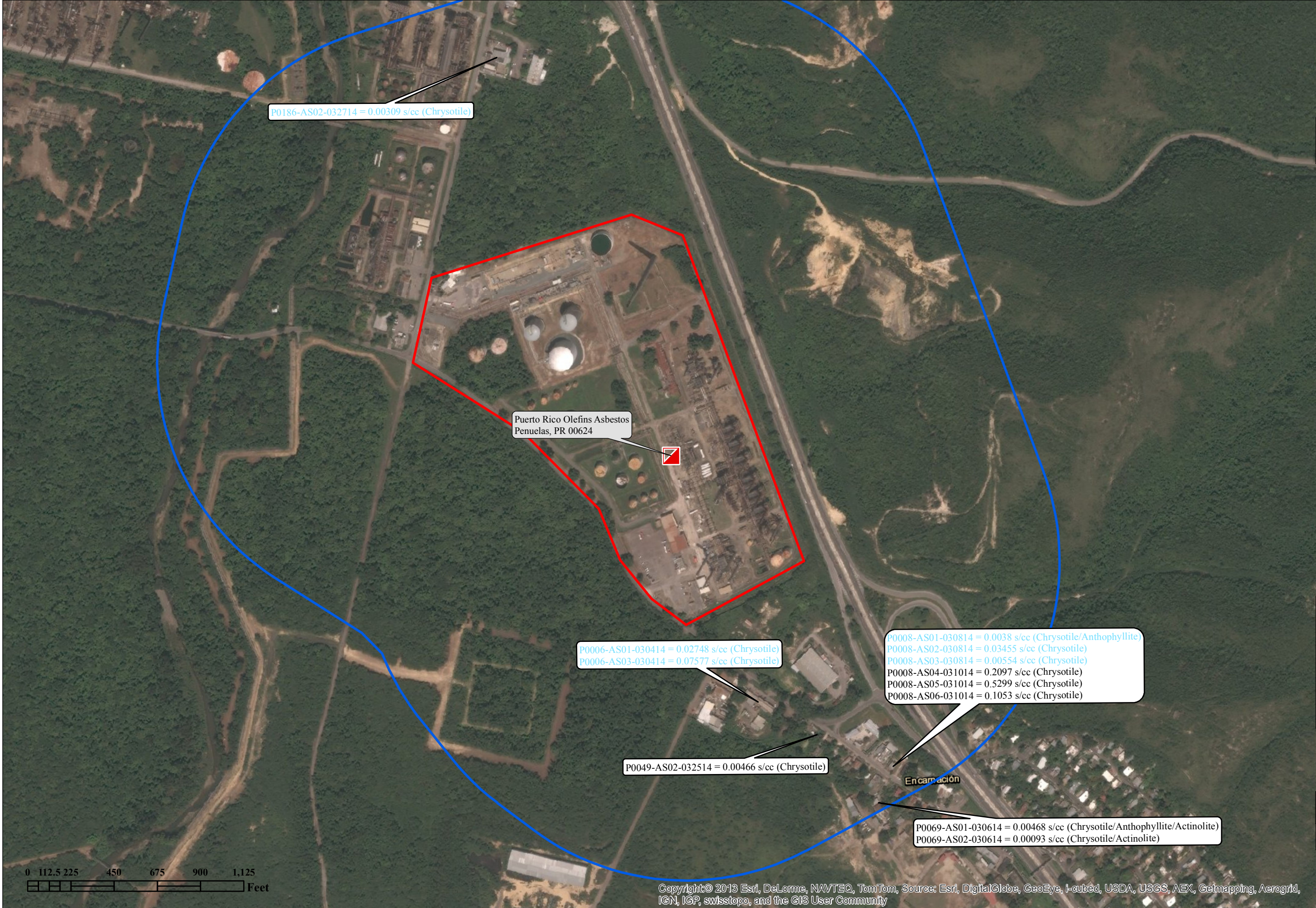
Puerto Rico Olefins Asbestos Site
Penuelas, Puerto Rico

UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY
REMOVAL SUPPORT TEAM 2
CONTRACT # EP-W-06-072

Weston Solutions, Inc.

In Association With
Avatar Environmental, LLC and
Scientific and Environmental Associates, Inc.,

GIS ANALYST:	T. BENTON
EPA OSC:	A. RODRIGUEZ
RST 2 SPM:	C. HUERTAS
FILENAME:	Sample Location Map.mxd
FIGURE:	2
REVISION:	0
DATE MODIFIED:	4/11/2014



OCEANO ATLANTICO

PR

MAR CARIBE

SCALE

1:5,719

LEGEND

Site Boundary

0.25 Mile Radius

Note:

1.) Only exceedences of the Site-Specific Action Level for air (0.0009 s/cc) are depicted.

2.) Residential properties are labeled in black and commerical properties are labeled in blue.

Figure 3: Quarter Mile Properties - Indoor Air TEM Analytical Results Map (Exceedences Only)

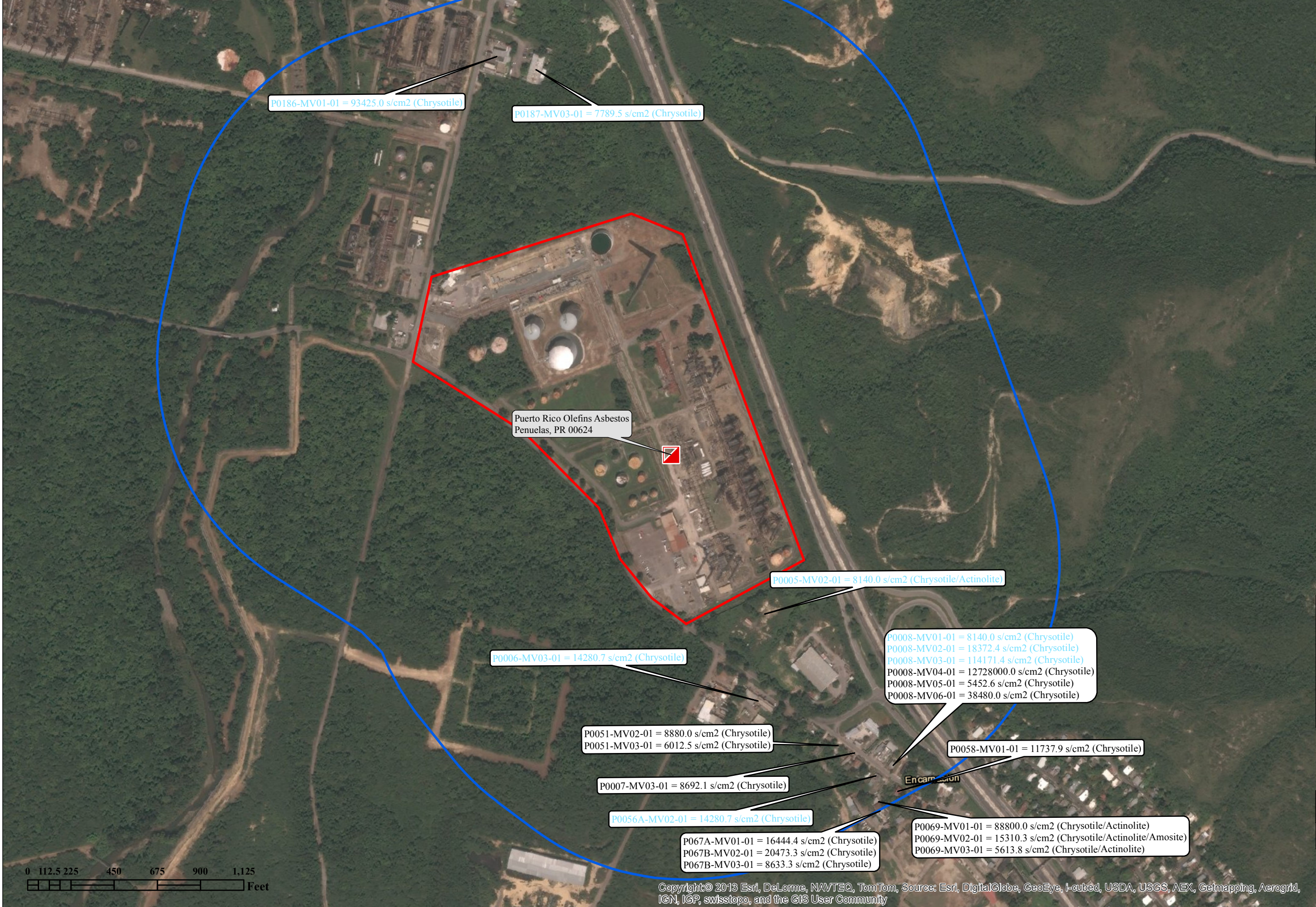
Puerto Rico Olefins Asbestos Site
Penuelas, Puerto Rico

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REMOVAL SUPPORT TEAM 2
CONTRACT # EP-W-06-072

Weston Solutions, Inc.

In Association With
Avatar Environmental, LLC and
Scientific and Environmental Associates, Inc.,

GIS ANALYST:	T. BENTON
EPA OSC:	A. RODRIGUEZ
RST 2 SPM:	C. HUERTAS
FILENAME:	Indoor Air TEM Results.mxd
FIGURE	1A
REVISION	0
DATE MODIFIED	4/11/2014



OCEANO ATLANTICO

PR

MAR CARIBE

SCALE
1:5,719

LEGEND

Site Boundary

0.25 Mile Radius

Note:

1.) Only exceedences of the Site-Specific Action Level for micro vac (5,000 s/cm2) are depicted.

2.) Residential properties are labeled in black and commercial properties are labeled in blue.

Figure 4: Quarter Mile Properties - Micro Vac TEM Analytical Results Map (Exceedences Only)

Puerto Rico Olefins Asbestos Site
Penuelas, Puerto Rico

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REMOVAL SUPPORT TEAM 2
CONTRACT # EP-W-06-072

Weston Solutions, Inc.

In Association With
Avatar Environmental, LLC and
Scientific and Environmental Associates, Inc.,

GIS ANALYST:	T. BENTON
EPA OSC:	A. RODRIGUEZ
RST 2 SPM:	C. HUERTAS
FILENAME:	Indoor Air TEM Results.mxd
FIGURE:	1B
REVISION:	0
DATE MODIFIED:	4/11/2014

ATTACHMENT B

Table 1: Sample Collection Information and Validated Analytical Data Summary - Indoor Air PCM

Table 2: Sample Collection Information and Validated Analytical Data Summary - Indoor Air TEM

Table 3: Sample Collection Information and Validated Analytical Data Summary - Micro Vac TEM

Table 4: Validated Analytical Data Summary - Comparison of Concentrations Exceeding Action
Levels

Table 1: Sample Collection Information and Validated Analytical Data Summary - Indoor Air PCM
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property Description	Sample #	Sample Location	Sample Date	Sample Time	Matrix	Analysis	Sample Type	Fibers	Test Results (F/mm ²)	Test Results (F/cc)
NA	FB-A-030414	NA	3/4/2014	8:14	Field Blank	Asbestos PCM (NIOSH 7400)	Field Blank	<5.5	<7.0	NA
NA	LB-A-030414	NA	3/4/2014	8:13	Lot Blank	Asbestos PCM (NIOSH 7400)	Lot Blank	<5.5	<7.0	NA
Commercial	P0006-AS01-030414	P0006-AS01	3/4/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded w/ Particulate	Overloaded w/ Particulate
Commercial	P0006-AS02-030414	P0006-AS02	3/4/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Sampled Voided Damaged Filter	Sampled Voided Damaged Filter
Commercial	P0006-AS03-030414	P0006-AS03	3/4/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded w/ Particulate	Overloaded w/ Particulate
Commercial	P0047-AS01-030414	P0047-AS01	3/4/2014	17:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	27	36.9	0.004
Commercial	P0047-AS02-030414	P0047-AS02	3/4/2014	17:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	25	31.8	0.003
Commercial	P0047-AS03-030414	P0047-AS03	3/4/2014	17:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	41.5	52.9	0.006
Residential	P0050-AS01-030514	P0050-AS01	3/5/2014	16:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	19	24.2	0.003
Residential	P0050-AS02-030514	P0050-AS02	3/5/2014	16:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	14	17.8	0.002
Residential	P0050-AS03-030514	P0050-AS03	3/5/2014	16:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	20	25.5	0.003
Commercial	P0009-AS01-030614	P0009-AS01	3/6/2014	15:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	100	202.2	0.02
Commercial	P0009-AS02-030614	P0009-AS02	3/6/2014	15:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	80	101.9	0.01
Commercial	P0009-AS03-030614	P0009-AS03	3/6/2014	15:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	100	193	0.02
Residential	P0069-AS01-030614	P0069-AS01	3/6/2014	16:45	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded w/ Particulate	Overloaded w/ Particulate
Residential	P0069-AS02-030614	P0069-AS02	3/6/2014	16:45	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded w/ Particulate	Overloaded w/ Particulate
Residential	P0069-AS03-030614	P0069-AS03	3/6/2014	16:45	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded w/ Particulate	Overloaded w/ Particulate
Residential	P0057-AS01-030714	P0057-AS01	3/7/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	29	36.9	0.004
Residential	P0057-AS02-030714	P0057-AS02	3/7/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	25	31.8	0.003
Residential	P0057-AS03-030714	P0057-AS03	3/7/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	26	33.1	0.003
Residential	P0058-AS01-030714	P0058-AS01	3/7/2014	16:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	25	31.8	0.003
Residential	P0058-AS02-030714	P0058-AS02	3/7/2014	16:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	27	34.4	0.004
Residential	P0058-AS03-030714	P0058-AS03	3/7/2014	16:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	26	33.1	0.004
NA	FB-A-030814	NA	3/8/2014	8:10	Field Blank	Asbestos PCM (NIOSH 7400)	Field Blank	<5.5	<7.0	NA
Commercial	P0008-AS01-030814	P0008-AS01	3/8/2014	14:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Commercial	P0008-AS02-030814	P0008-AS02	3/8/2014	14:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Commercial	P0008-AS03-030814	P0008-AS03	3/8/2014	14:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Residential	P0008-AS04-031014	P0008-AS04	3/10/2014	15:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Residential	P0008-AS05-031014	P0008-AS05	3/10/2014	15:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Residential	P0008-AS06-031014	P0008-AS06	3/10/2014	15:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Residential	P0076-AS01-031014	P0076-AS01	3/10/2014	14:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	13	16.6	0.002
Residential	P0076-AS02-031014	P0076-AS02	3/10/2014	14:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	30	38.2	0.004
Residential	P0076-AS03-031014	P0076-AS03	3/10/2014	14:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	20	25.5	0.003
NA	LB-A-031114	NA	3/11/2014	8:05	Lot Blank	Asbestos PCM (NIOSH 7400)	Lot Blank	<5.5	<7.0	NA
Residential	P0007-AS01-031114	P0007-AS01	3/11/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	14	17.8	0.002
Residential	P0007-AS02-031114	P0007-AS02	3/11/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	10	12.7	0.001
Residential	P0007-AS03-031114	P0007-AS03	3/11/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	12	15.3	0.002
Residential	P0051-AS01-031114	P0051-AS01	3/11/2014	16:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	6	7.6	0.001
Residential	P0051-AS02-031114	P0051-AS02	3/11/2014	16:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	8	10.2	0.001
Residential	P0051-AS03-031114	P0051-AS03	3/11/2014	16:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	<5.5	<7.0	<0.001
NA	FB-A-031214	NA	3/12/2014	8:06	Field Blank	Asbestos PCM (NIOSH 7400)	Field Blank	<5.5	<7.0	NA
Residential	P0054-AS01-031214	P0054-AS01	3/12/2014	14:45	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	10	12.7	0.001
Residential	P0054-AS02-031214	P0054-AS02	3/12/2014	14:45	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	16	20.4	0.002
Residential	P0054-AS03-031214	P0054-AS03	3/12/2014	14:45	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	14	17.8	0.002
Residential	P0055-AS01-031214	P0055-AS01	3/12/2014	15:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	9	11.5	0.001
Residential	P0055-AS02-031214	P0055-AS02	3/12/2014	15:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	8	10.2	0.001
Residential	P0055-AS03-031214	P0055-AS03	3/12/2014	15:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	6	7.6	0.001
Commercial	P0065-AS01-031314	P0065-AS01	3/13/2014	15:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	29.5	37.6	0.004
Commercial	P0065-AS02-031314	P0065-AS02	3/13/2014	15:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	26	33.1	0.003
Commercial	P0065-AS03-031314	P0065-AS03	3/13/2014	15:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	25	31.8	0.003
Residential	P0067B-AS01-031314	P0067B-AS01	3/13/2014	16:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	<5.5	<7.0	<0.001
Residential	P0067B-AS02-031314	P0067B-AS02	3/13/2014	16:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	8	10.2	0.001
Residential	P0067B-AS03-031314	P0067B-AS03	3/13/2014	16:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	6	7.6	0.001
Residential	P0056B-AS01-031414	P0056B-AS01	3/14/2014	12:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	20	25.5	0.003
Residential	P0056B-AS02-031414	P0056B-AS02	3/14/2014	12:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	20	25.5	0.003

Table 1: Sample Collection Information and Validated Analytical Data Summary - Indoor Air PCM
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property Description	Sample #	Sample Location	Sample Date	Sample Time	Matrix	Analysis	Sample Type	Fibers	Test Results (F/mm ²)	Test Results (F/cc)
Residential	P0056B-AS03-031414	P0056B-AS03	3/14/2014	12:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	40	51	0.005
Residential	P0067A-AS01-031414	P0067A-AS01	3/14/2014	12:40	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	11	14	0.001
Residential	P0067A-AS02-031414	P0067A-AS02	3/14/2014	12:40	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	7	8.9	0.001
Residential	P0067A-AS03-031414	P0067A-AS03	3/14/2014	12:40	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	14	17.8	0.002
Commercial	P0056A-AS01-031514	P0056A-AS01	3/15/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	15	19.1	0.002
Commercial	P0056A-AS02-031514	P0056A-AS02	3/15/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	16	20.4	0.002
Commercial	P0056A-AS03-031514	P0056A-AS03	3/15/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	23	29.3	0.003
Residential	P0074-AS01-031514	P0074-AS01	3/15/2014	14:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	10	12.7	0.001
Residential	P0074-AS02-031514	P0074-AS02	3/15/2014	14:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	6	7.6	0.001
Residential	P0074-AS03-031514	P0074-AS03	3/15/2014	14:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	6.5	8.3	0.001
NA	FB-A-031814	NA	3/18/2014	7:15	Field Blank	Asbestos PCM (NIOSH 7400)	Field Blank	<5.5	<7.0	NA
Residential	P0068-AS01-031814	P0068-AS01	3/18/2014	15:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	31	39.5	0.004
Residential	P0068-AS02-031814	P0068-AS02	3/18/2014	15:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	39	49.7	0.005
Residential	P0068-AS03-031814	P0068-AS03	3/18/2014	15:10	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	37.5	47.8	0.005
Residential	P0077-AS01-031814	P0077-AS01	3/18/2014	14:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	13.5	17.2	0.002
Residential	P0077-AS02-031814	P0077-AS02	3/18/2014	14:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	8	10.2	0.001
Residential	P0077-AS03-031814	P0077-AS03	3/18/2014	14:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	8.5	10.8	0.001
Commercial	P0073-AS01-031914	P0073-AS01	3/19/2014	14:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	10	12.7	0.001
Commercial	P0073-AS02-031914	P0073-AS02	3/19/2014	14:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	7	8.9	0.001
Commercial	P0073-AS03-031914	P0073-AS03	3/19/2014	14:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	6	7.6	0.001
Commercial	P0046-AS01-032114	P0046-AS01	3/21/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	102	146	0.016
Commercial	P0046-AS02-032114	P0046-AS02	3/21/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	98	124.8	0.013
Commercial	P0046-AS03-032114	P0046-AS03	3/21/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	78.5	100	0.01
Residential	P0079-AS01-032414	P0079-AS01	3/24/2014	14:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	12	15.3	0.002
Residential	P0079-AS02-032414	P0079-AS02	3/24/2014	14:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	16	20.4	0.002
Residential	P0079-AS03-032414	P0079-AS03	3/24/2014	14:30	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	24	30.6	0.003
Commercial	P0004-AS01-032414	P0004-AS01	3/24/2014	15:50	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	28	35.7	0.004
Commercial	P0004-AS02-032414	P0004-AS02	3/24/2014	15:50	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	28	35.7	0.004
Commercial	P0004-AS03-032414	P0004-AS03	3/24/2014	15:50	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	19	24.2	0.002
NA	FB-A-032514	NA	3/25/2014	8:15	Field Blank	Asbestos PCM (NIOSH 7400)	Field Blank	<5.5	<7.0	NA
Commercial	P0005-AS01-032514	P0005-AS01	3/25/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	15	19.1	0.002
Commercial	P0005-AS02-032514	P0005-AS02	3/25/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	38	48.4	0.005
Commercial	P0005-AS03-032514	P0005-AS03	3/25/2014	15:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	12	15.3	0.002
Residential	P0049-AS01-032514	P0049-AS01	3/25/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Residential	P0049-AS02-032514	P0049-AS02	3/25/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Residential	P0049-AS03-032514	P0049-AS03	3/25/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	68	86.6	0.009
Commercial	P0186-AS01-032614	P0186-AS01	3/26/2014	15:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Commercial	P0186-AS02-032614	P0186-AS02	3/26/2014	15:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Commercial	P0186-AS03-032614	P0186-AS03	3/26/2014	15:15	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Commercial	P0187-AS01-032614	P0187-AS01	3/26/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Commercial	P0187-AS02-032614	P0187-AS02	3/26/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Commercial	P0187-AS03-032614	P0187-AS03	3/26/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	NA	Overloaded	Overloaded
Commercial	P0189-AS01-032714	P0189-AS01	3/27/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	50	63.7	0.007
Commercial	P0189-AS02-032714	P0189-AS02	3/27/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	51	65	0.007
Commercial	P0189-AS03-032714	P0189-AS03	3/27/2014	16:00	Indoor Air	Asbestos PCM (NIOSH 7400)	Field Sample	20	25.5	0.003

NA = Not Applicable
PCM = Phase Contrast Microscopy
F/mm² = Fibers per square millimeter
F/cc = Fibers per cubic centimeter

Table 2: Sample Collection Information and Validated Analytical Data Summary - Indoor Air TEM
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property Description	Sample #	Sample Location	Sample Date	Sample Time	Matrix	Analysis	Sample Type	Total Numbers of Asbestos Structures Detected	Asbestos Mineral Type Detected	Reported Sensitivity (s/cc)	Reported Air Concentration (s/cc)
NA	FB-A-030414	NA	3/4/2014	8:14	Field Blank	Asbestos TEM (NIOSH 7402)	Field Blank	0	Non-Detected	NA	NA
NA	LB-A-030414	NA	3/4/2014	8:13	Lot Blank	Asbestos TEM (NIOSH 7402)	Lot Blank	0	Non-Detected	NA	NA
Commercial	P0006-AS01-030414	P0006-AS01	3/4/2014	16:00	Indoor Air	ISO 13794: 1999(E)	Field Sample	48	Chrysotile	0.00057	0.02748
Commercial	P0006-AS02-030414	P0006-AS02	3/4/2014	16:00	Indoor Air	ISO 13794: 1999(E)	Field Sample	Void	NA	Not Analyzed	Not Analyzed
Commercial	P0006-AS03-030414	P0006-AS03	3/4/2014	16:00	Indoor Air	ISO 13794: 1999(E)	Field Sample	106	Chrysotile	0.00071	0.07577
Commercial	P0047-AS01-030414	P0047-AS01	3/4/2014	17:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Chrysotile	0.00028	0.00028
Commercial	P0047-AS02-030414	P0047-AS02	3/4/2014	17:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Chrysotile	0.00028	0.00085
Commercial	P0047-AS03-030414	P0047-AS03	3/4/2014	17:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00037
Residential	P0050-AS01-030514	P0050-AS01	3/5/2014	16:30	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00014
Residential	P0050-AS02-030514	P0050-AS02	3/5/2014	16:30	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00018
Residential	P0050-AS03-030514	P0050-AS03	3/5/2014	16:30	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00015
Commercial	P0009-AS01-030614	P0009-AS01	3/6/2014	15:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Actinolite	0.00027	0.00033
Commercial	P0009-AS02-030614	P0009-AS02	3/6/2014	15:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00017
Commercial	P0009-AS03-030614	P0009-AS03	3/6/2014	15:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00030
Residential	P0069-AS01-030614	P0069-AS01	3/6/2014	16:45	Indoor Air	ISO 13794: 1999(E)	Field Sample	17	Chrysotile Anthophyllite Actinolite	0.00028	0.00468
Residential	P0069-AS02-030614	P0069-AS02	3/6/2014	16:45	Indoor Air	ISO 13794: 1999(E)	Field Sample	3	Chrysotile Actinolite	0.00031	0.00093
Residential	P0069-AS03-030614	P0069-AS03	3/6/2014	16:45	Indoor Air	ISO 13794: 1999(E)	Field Sample	2	Tremolite	0.00037	0.00075
Residential	P0057-AS01-030714	P0057-AS01	3/7/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Anthophyllite	0.00028	0.00078
Residential	P0057-AS02-030714	P0057-AS02	3/7/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Chrysotile	0.00027	0.00030
Residential	P0057-AS03-030714	P0057-AS03	3/7/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00043
Residential	P0058-AS01-030714	P0058-AS01	3/7/2014	16:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00010
Residential	P0058-AS02-030714	P0058-AS02	3/7/2014	16:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00182
Residential	P0058-AS03-030714	P0058-AS03	3/7/2014	16:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00017
NA	FB-A-030814	NA	3/8/2014	8:10	Field Blank	Asbestos TEM (NIOSH 7402)	Field Blank	0	Non-Detected	NA	NA
Commercial	P0008-AS01-030814	P0008-AS01	3/8/2014	14:30	Indoor Air	ISO 13794: 1999(E)	Field Sample	10	Chrysotile Anthophyllite	0.00038	0.00380
Commercial	P0008-AS02-030814	P0008-AS02	3/8/2014	14:30	Indoor Air	ISO 13794: 1999(E)	Field Sample	59	Chrysotile	0.00059	0.03455
Commercial	P0008-AS03-030814	P0008-AS03	3/8/2014	14:30	Indoor Air	ISO 13794: 1999(E)	Field Sample	14	Chrysotile	0.0004	0.00554

Table 2: Sample Collection Information and Validated Analytical Data Summary - Indoor Air TEM
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property Description	Sample #	Sample Location	Sample Date	Sample Time	Matrix	Analysis	Sample Type	Total Numbers of Asbestos Structures Detected	Asbestos Mineral Type Detected	Reported Sensitivity (s/cc)	Reported Air Concentration (s/cc)
Residential	P0008-AS04-031014	P0008-AS04	3/10/2014	15:15	Indoor Air	ISO 13794: 1999(E)	Field Sample	100	Chrysotile	0.0021	0.2097
Residential	P0008-AS05-031014	P0008-AS05	3/10/2014	15:15	Indoor Air	ISO 13794: 1999(E)	Field Sample	100	Chrysotile	0.0053	0.5299
Residential	P0008-AS06-031014	P0008-AS06	3/10/2014	15:15	Indoor Air	ISO 13794: 1999(E)	Field Sample	67	Chrysotile	0.00157	0.1053
Residential	P0076-AS01-031014	P0076-AS01	3/10/2014	14:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.0004
Residential	P0076-AS02-031014	P0076-AS02	3/10/2014	14:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.0004
Residential	P0076-AS03-031014	P0076-AS03	3/10/2014	14:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Actinolite	0.00028	0.00023
NA	LB-A-031114	NA	3/11/2014	8:05	Lot Blank	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	NA	NA
Residential	P0007-AS01-031114	P0007-AS01	3/11/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00012
Residential	P0007-AS02-031114	P0007-AS02	3/11/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00022
Residential	P0007-AS03-031114	P0007-AS03	3/11/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00007
Residential	P0051-AS01-031114	P0051-AS01	3/11/2014	16:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00004
Residential	P0051-AS02-031114	P0051-AS02	3/11/2014	16:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00014
Residential	P0051-AS03-031114	P0051-AS03	3/11/2014	16:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00005
NA	FB-A-031214	NA	3/12/2014	8:06	Field Blank	Asbestos TEM (NIOSH 7402)	Field Blank	0	Non-Detected	NA	NA
Residential	P0054-AS01-031214	P0054-AS01	3/12/2014	14:45	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00012
Residential	P0054-AS02-031214	P0054-AS02	3/12/2014	14:45	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00026	< 0.00018
Residential	P0054-AS03-031214	P0054-AS03	3/12/2014	14:45	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00045
Residential	P0055-AS01-031214	P0055-AS01	3/12/2014	15:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00017
Residential	P0055-AS02-031214	P0055-AS02	3/12/2014	15:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00017
Residential	P0055-AS03-031214	P0055-AS03	3/12/2014	15:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00020
Commercial	P0065-AS01-031314	P0065-AS01	3/13/2014	15:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Chrysotile	0.00027	0.00024
Commercial	P0065-AS02-031314	P0065-AS02	3/13/2014	15:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1.5	Chrysotile	0.00027	0.00024
Commercial	P0065-AS03-031314	P0065-AS03	3/13/2014	15:15	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00012
Residential	P0067B-AS01-031314	P0067B-AS01	3/13/2014	16:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00008
Residential	P0067B-AS02-031314	P0067B-AS02	3/13/2014	16:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00053
Residential	P0067B-AS03-031314	P0067B-AS03	3/13/2014	16:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00019
Residential	P0056B-AS01-031414	P0056B-AS01	3/14/2014	12:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00014
Residential	P0056B-AS02-031414	P0056B-AS02	3/14/2014	12:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00016

Table 2: Sample Collection Information and Validated Analytical Data Summary - Indoor Air TEM
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property Description	Sample #	Sample Location	Sample Date	Sample Time	Matrix	Analysis	Sample Type	Total Numbers of Asbestos Structures Detected	Asbestos Mineral Type Detected	Reported Sensitivity (s/cc)	Reported Air Concentration (s/cc)
Residential	P0056B-AS03-031414	P0056B-AS03	3/14/2014	12:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00016
Residential	P0067A-AS01-031414	P0067A-AS01	3/14/2014	12:40	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00010
Residential	P0067A-AS02-031414	P0067A-AS02	3/14/2014	12:40	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00011
Residential	P0067A-AS03-031414	P0067A-AS03	3/14/2014	12:40	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00016
Commercial	P0056A-AS01-031514	P0056A-AS01	3/15/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00013
Commercial	P0056A-AS02-031514	P0056A-AS02	3/15/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00012
Commercial	P0056A-AS03-031514	P0056A-AS03	3/15/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00012
Residential	P0074-AS01-031514	P0074-AS01	3/15/2014	14:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00016
Residential	P0074-AS02-031514	P0074-AS02	3/15/2014	14:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00007
Residential	P0074-AS03-031514	P0074-AS03	3/15/2014	14:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00021
NA	FB-A-031814	NA	3/18/2014	7:15	Field Blank	Asbestos TEM (NIOSH 7402)	Field Blank	0	Non-Detected	NA	NA
Residential	P0068-AS01-031814	P0068-AS01	3/18/2014	15:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Actinolite	0.00028	0.00018
Residential	P0068-AS02-031814	P0068-AS02	3/18/2014	15:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00026	< 0.00013
Residential	P0068-AS03-031814	P0068-AS03	3/18/2014	15:10	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00008
Residential	P0077-AS01-031814	P0077-AS01	3/18/2014	14:30	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00025	< 0.00012
Residential	P0077-AS02-031814	P0077-AS02	3/18/2014	14:30	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00025	< 0.00008
Residential	P0077-AS03-031814	P0077-AS03	3/18/2014	14:30	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00025	< 0.00012
Commercial	P0073-AS01-031914	P0073-AS01	3/19/2014	14:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00008
Commercial	P0073-AS02-031914	P0073-AS02	3/19/2014	14:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00012
Commercial	P0073-AS03-031914	P0073-AS03	3/19/2014	14:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00007
Commercial	P0046-AS01-032114	P0046-AS01	3/21/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Tremolite	0.00029	0.00019
Commercial	P0046-AS02-032114	P0046-AS02	3/21/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00012
Commercial	P0046-AS03-032114	P0046-AS03	3/21/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00026	< 0.00007
Commercial	P0004-AS01-032414	P0004-AS01	3/24/2014	15:50	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Chrysotile	0.00028	0.00022
Commercial	P0004-AS02-032414	P0004-AS02	3/24/2014	15:50	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00018
Commercial	P0004-AS03-032414	P0004-AS03	3/24/2014	15:50	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00012
Residential	P0079-AS01-032414	P0079-AS01	3/24/2014	14:30	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00011
Residential	P0079-AS02-032414	P0079-AS02	3/24/2014	14:30	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00018

Table 2: Sample Collection Information and Validated Analytical Data Summary - Indoor Air TEM
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property Description	Sample #	Sample Location	Sample Date	Sample Time	Matrix	Analysis	Sample Type	Total Numbers of Asbestos Structures Detected	Asbestos Mineral Type Detected	Reported Sensitivity (s/cc)	Reported Air Concentration (s/cc)
Residential	P0079-AS03-032414	P0079-AS03	3/24/2014	14:30	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00028	< 0.00013
NA	FB-A-032514	NA	3/25/2014	8:15	Field Blank	Asbestos TEM (NIOSH 7402)	Field Blank	0	Non-Detected	NA	NA
Commercial	P0005-AS01-032514	P0005-AS01	3/25/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	2	Chrysotile	0.00028	0.00044
Commercial	P0005-AS02-032514	P0005-AS02	3/25/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Chrysotile	0.00027	0.00032
Commercial	P0005-AS03-032514	P0005-AS03	3/25/2014	15:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	4	Chrysotile	0.00028	0.00036
Residential	P0049-AS01-032514	P0049-AS01	3/25/2014	9:45	Indoor Air	ISO 13794: 1999(E)	Field Sample	0	Non-Detected	0.00082	0.00040
Residential	P0049-AS02-032514	P0049-AS02	3/25/2014	9:50	Indoor Air	ISO 13794: 1999(E)	Field Sample	3	Chrysotile	0.00155	0.00466
Residential	P0049-AS03-032514	P0049-AS03	3/25/2014	9:55	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Actinolite	0.00027	0.00043
Commercial	P0186-AS01-032714	P0186-AS01	3/26/2014	15:15	Indoor Air	ISO 13794: 1999(E)	Field Sample	1	Chrysotile	0.00155	0.00155
Commercial	P0186-AS02-032714	P0186-AS02	3/26/2014	15:15	Indoor Air	ISO 13794: 1999(E)	Field Sample	2	Chrysotile	0.00154	0.00309
Commercial	P0186-AS03-032714	P0186-AS03	3/26/2014	15:15	Indoor Air	ISO 13794: 1999(E)	Field Sample	1	Chrysotile	0.00153	0.00153
Commercial	P0187-AS01-032714	P0187-AS01	3/26/2014	16:00	Indoor Air	ISO 13794: 1999(E)	Field Sample	0	Non-Detected	0.00081	< 0.00081
Commercial	P0187-AS02-032714	P0187-AS02	3/26/2014	16:00	Indoor Air	ISO 13794: 1999(E)	Field Sample	1	Chrysotile	0.00081	0.00081
Commercial	P0187-AS03-032714	P0187-AS03	3/26/2014	16:00	Indoor Air	ISO 13794: 1999(E)	Field Sample	1	Chrysotile	0.00159	0.00159
Commercial	P0189-AS01-032714	P0189-AS01	3/27/2014	16:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	1	Actinolite	0.00028	0.00095
Commercial	P0189-AS02-032714	P0189-AS02	3/27/2014	16:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	< 0.00110
Commercial	P0189-AS03-032714	P0189-AS03	3/27/2014	16:00	Indoor Air	Asbestos TEM (NIOSH 7402)	Field Sample	0	Non-Detected	0.00027	<0.00036

NA = Not Applicable

TEM = Transmission Electron Microscopy

s/cc = Structures per cubic centimeter

Samples analyzed via the ISO 13794: 1999(E) method was done so due to overloading of the filter with particulate.

Table 3: Sample Collection Information and Validated Analytical Data Summary - Micro Vac TEM
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property Description	Sample #	Sample Location	Sample Date	Sample Time	Matrix	Analysis	Sample Type	No. of Structures	Asbestos Type	Sensitivity (s/cm ²)	Concentration (s/cm ²)
Commercial	P0006-MV01-01	P0006-MV01	3/4/2014	9:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Commercial	P0006-MV02-01	P0006-MV02	3/4/2014	9:53	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Commercial	P0006-MV03-01	P0006-MV03	3/4/2014	9:56	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	55	Chrysotile	259.6	14280.7
Commercial	P0047-MV01-01	P0047-MV01	3/4/2014	11:05	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Commercial	P0047-MV02-01	P0047-MV02	3/4/2014	11:08	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Commercial	P0047-MV03-01	P0047-MV03	3/4/2014	11:11	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
NA	LB-B-030414	NA	3/4/2014	8:15	Lot Blank	Asbestos TEM (ASTM D-5755-09)	Lot Blank	0	None Detected	NA	NA
NA	FB-B-030414	NA	3/4/2014	8:16	Field Blank	Asbestos TEM (ASTM D-5755-09)	Field Blank	0	None Detected	NA	NA
Residential	P0050-MV01-01	P0050-MV01	3/5/2014	10:22	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	2	Chrysotile Actinolite	246.7	493.3
Residential	P0050-MV02-01	P0050-MV02	3/5/2014	10:25	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	12	Chrysotile Actinolite	246.7	2960.0
Residential	P0050-MV03-01	P0050-MV03	3/5/2014	10:28	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	3	Chrysotile	246.7	740.0
Commercial	P0009-MV01-01	P0009-MV01	3/6/2014	8:53	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Commercial	P0009-MV02-01	P0009-MV02	3/6/2014	8:56	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Commercial	P0009-MV03-01	P0009-MV03	3/6/2014	9:00	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Residential	P0069-MV01-01	P0069-MV01	3/6/2014	9:40	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	102	Chrysotile Actinolite	870.6	88800.0
Residential	P0069-MV02-01	P0069-MV02	3/6/2014	9:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	60	Chrysotile Actinolite Amosite	255.2	15310.3
Residential	P0069-MV03-01	P0069-MV03	3/6/2014	9:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	22	Chrysotile Actinolite	255.2	5613.8
Residential	P0057-MV01-01	P0057-MV01	3/7/2014	9:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	3	Chrysotile	246.7	740.0
Residential	P0057-MV02-01	P0057-MV02	3/7/2014	9:53	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	4	Chrysotile	231.3	925.0
Residential	P0057-MV03-01	P0057-MV03	3/7/2014	9:56	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	231.3	< 231.3
Residential	P0058-MV01-01	P0058-MV01	3/7/2014	8:35	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	46	Chrysotile	255.2	11737.9
Residential	P0058-MV02-01	P0058-MV02	3/7/2014	8:38	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	259.6	< 259.6
Residential	P0058-MV03-01	P0058-MV03	3/7/2014	8:41	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	19	Chrysotile	246.7	4686.7
NA	FB-B-030814	NA	3/8/2014	8:12	Field Blank	Asbestos TEM (ASTM D-5755-09)	Field Blank	0	None Detected	NA	NA
Commercial	P0008-MV01-01	P0008-MV01	3/8/2014	8:21	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	33	Chrysotile	246.7	8140.0
Commercial	P0008-MV02-01	P0008-MV02	3/8/2014	8:24	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	72	Chrysotile	255.2	18372.4
Commercial	P0008-MV03-01	P0008-MV03	3/8/2014	8:27	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	108	Chrysotile	1057.1	114171.4
Residential	P0008-MV04-01	P0008-MV04	3/10/2014	9:00	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	344	Chrysotile	37000.0	12728000.0
Residential	P0008-MV05-01	P0008-MV05	3/10/2014	9:05	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	21	Chrysotile	259.6	5452.6
Residential	P0008-MV06-01	P0008-MV06	3/10/2014	9:10	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	104	Chrysotile	370.0	38480.0
Residential	P0076-MV01-01	P0076-MV01	3/10/2014	8:05	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Residential	P0076-MV02-01	P0076-MV02	3/10/2014	8:08	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	1	Chrysotile	246.7	246.7
Residential	P0076-MV03-01	P0076-MV03	3/10/2014	8:11	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	4	Chrysotile	246.7	986.7
NA	LB-B-031114	NA	3/11/2014	8:06	Lot Blank	Asbestos TEM (ASTM D-5755-09)	Lot Blank	0	None Detected	NA	NA
Residential	P0051-MV01-01	P0051-MV01	3/11/2014	10:00	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	231.3	< 231.3
Residential	P0051-MV02-01	P0051-MV02	3/11/2014	10:05	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	36	Chrysotile	246.7	8880.0
Residential	P0051-MV03-01	P0051-MV03	3/11/2014	10:10	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	26	Chrysotile	231.3	6012.5
Residential	P0007-MV01-01	P0007-MV01	3/11/2014	8:40	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	231.3	< 231.3
Residential	P0007-MV02-01	P0007-MV02	3/11/2014	8:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	3	Chrysotile	231.3	693.8
Residential	P0007-MV03-01	P0007-MV03	3/11/2014	8:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	37	Chrysotile	234.9	8692.1
NA	FB-B-031214	NA	3/12/2014	8:07	Field Blank	Asbestos TEM (ASTM D-5755-09)	Field Blank	0	None Detected	NA	NA
Residential	P0054-MV01-01	P0054-MV01	3/12/2014	8:15	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	5	Chrysotile	231.3	1156.3
Residential	P0054-MV02-01	P0054-MV02	3/12/2014	8:20	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	2	Chrysotile	234.9	469.8
Residential	P0054-MV03-01	P0054-MV03	3/12/2014	8:25	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	3	Chrysotile	234.9	704.8
Residential	P0055-MV01-01	P0055-MV01	3/12/2014	8:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	1	Chrysotile	234.9	234.9
Residential	P0055-MV02-01	P0055-MV02	3/12/2014	8:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	4	Chrysotile	234.9	939.7
Residential	P0055-MV03-01	P0055-MV03	3/12/2014	9:00	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	10	Chrysotile	246.7	2466.7

Table 3: Sample Collection Information and Validated Analytical Data Summary - Micro Vac TEM
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property Description	Sample #	Sample Location	Sample Date	Sample Time	Matrix	Analysis	Sample Type	No. of Structures	Asbestos Type	Sensitivity (s/cm ²)	Concentration (s/cm ²)
Commercial	P0065-MV01-01	P0065-MV01	3/13/2014	8:35	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	7	Chrysotile	246.7	1726.7
Commercial	P0065-MV02-01	P0065-MV02	3/13/2014	8:40	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	5	Chrysotile	246.7	1233.3
Commercial	P0065-MV03-01	P0065-MV03	3/13/2014	8:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	2	Chrysotile	246.7	493.3
Residential	P0067B-MV01-01	P0067B-MV01	3/13/2014	9:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Residential	P0067B-MV02-01	P0067B-MV02	3/13/2014	9:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	83	Chrysotile	246.7	20473.3
Residential	P0067B-MV03-01	P0067B-MV03	3/13/2014	9:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	35	Chrysotile	246.7	8633.3
Residential	P0056B-MV01-01	P0056B-MV01	3/14/2014	5:25	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	5	Chrysotile	231.3	1156.3
Residential	P0056B-MV02-01	P0056B-MV02	3/14/2014	5:30	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	2	Chrysotile	246.7	493.3
Residential	P0056B-MV03-01	P0056B-MV03	3/14/2014	5:35	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	231.3	< 231.3
Residential	P0067A-MV01-01	P0067A-MV01	3/14/2014	6:25	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	70	Chrysotile	234.9	16444.4
Residential	P0067A-MV02-01	P0067A-MV02	3/14/2014	6:30	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	1	Chrysotile	231.3	231.3
Residential	P0067A-MV03-01	P0067A-MV03	3/14/2014	6:35	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	2	Chrysotile	231.3	462.5
Commercial	P0056A-MV01-01	P0056A-MV01	3/15/2014	8:43	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	6	Chrysotile	259.6	1557.9
Commercial	P0056A-MV02-01	P0056A-MV02	3/15/2014	8:47	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	55	Chrysotile	259.6	14280.7
Commercial	P0056A-MV03-01	P0056A-MV03	3/15/2014	8:53	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	2	Chrysotile	231.3	462.5
Residential	P0074-MV01-01	P0074-MV01	3/15/2014	7:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	18	Chrysotile	246.7	4440.0
Residential	P0074-MV02-01	P0074-MV02	3/15/2014	7:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	20	Chrysotile	231.3	4625.0
Residential	P0074-MV03-01	P0074-MV03	3/15/2014	7:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	10	Chrysotile	246.7	2466.7
NA	FB-B-031814	NA	3/18/2014	7:16	Field Blank	Asbestos TEM (ASTM D-5755-09)	Field Blank	0	None Detected	NA	NA
Residential	P0068-MV01-01	P0068-MV01	3/18/2014	8:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	205.6	< 205.6
Residential	P0068-MV02-01	P0068-MV02	3/18/2014	8:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Residential	P0068-MV03-01	P0068-MV03	3/18/2014	9:00	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	217.6	< 217.6
Residential	P0077-MV01-01	P0077-MV01	3/18/2014	7:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	176.2	< 176.2
Residential	P0077-MV02-01	P0077-MV02	3/18/2014	7:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	205.6	< 205.6
Residential	P0077-MV03-01	P0077-MV03	3/18/2014	7:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	234.9	< 234.9
Commercial	P0073-MV01-01	P0073-MV01	3/19/2014	7:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	5	Chrysotile	231.3	1156.3
Commercial	P0073-MV02-01	P0073-MV02	3/19/2014	7:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	205.6	< 205.6
Commercial	P0073-MV03-01	P0073-MV03	3/19/2014	7:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	211.4	< 211.4
Commercial	P0046-MV01-01	P0046-MV01	3/21/2014	8:35	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7
Commercial	P0046-MV02-01	P0046-MV02	3/21/2014	8:40	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	234.9	< 234.9
Commercial	P0046-MV03-01	P0046-MV03	3/21/2014	8:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	234.9	< 234.9
Commercial	P0004-MV01-01	P0004-MV01	3/24/2014	9:35	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	12	Chrysotile	246.7	2960.0
Commercial	P0004-MV02-01	P0004-MV02	3/24/2014	9:40	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	11	Chrysotile	234.9	2584.1
Commercial	P0004-MV03-01	P0004-MV03	3/24/2014	9:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	6	Chrysotile	234.9	1409.5
Residential	P0079-MV01-01	P0079-MV01	3/24/2014	8:15	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	1	Chrysotile	234.9	234.9
Residential	P0079-MV02-01	P0079-MV02	3/24/2014	8:20	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	1	Chrysotile	231.3	231.3
Residential	P0079-MV03-01	P0079-MV03	3/24/2014	8:25	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	6	Chrysotile	246.7	1480.0
NA	FB-B-032514	NA	3/25/2014	8:16	Field Blank	Asbestos TEM (ASTM D-5755-09)	Field Blank	0	None Detected	NA	NA
Commercial	P0005-MV01-01	P0005-MV01	3/25/2014	8:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	9	Chrysotile Actinolite	246.7	2220.0
Commercial	P0005-MV02-01	P0005-MV02	3/25/2014	8:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	33	Chrysotile Actinolite	246.7	8140.0
Commercial	P0005-MV03-01	P0005-MV03	3/25/2014	8:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	256.9	< 256.9
Residential	P0049-MV01-01	P0049-MV01	3/25/2014	9:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	2	Chrysotile	234.9	469.8
Residential	P0049-MV02-01	P0049-MV02	3/25/2014	9:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	3	Chrysotile	246.7	740.0
Residential	P0049-MV03-01	P0049-MV03	3/25/2014	9:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	3	Chrysotile	246.7	740.0
Commercial	P0186-MV01-01	P0186-MV01	3/26/2014	8:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	101	Chrysotile	925.0	93425.0
Commercial	P0186-MV02-01	P0186-MV02	3/26/2014	8:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	20	Chrysotile	246.7	4933.3
Commercial	P0186-MV03-01	P0186-MV03	3/26/2014	8:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	6	Chrysotile	255.2	1531.0
Commercial	P0187-MV01-01	P0187-MV01	3/26/2014	9:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	6	Chrysotile Actinolite	259.6	1557.9
Commercial	P0187-MV02-01	P0187-MV02	3/26/2014	9:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	16	Chrysotile	259.6	4154.4
Commercial	P0187-MV03-01	P0187-MV03	3/26/2014	9:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	30	Chrysotile	259.6	7789.5

Table 3: Sample Collection Information and Validated Analytical Data Summary - Micro Vac TEM
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property Description	Sample #	Sample Location	Sample Date	Sample Time	Matrix	Analysis	Sample Type	No. of Structures	Asbestos Type	Sensitivity (s/cm ²)	Concentration (s/cm ²)
Commercial	P0188-MV01-01	P0188-MV01	3/26/2014	10:30	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	234.9	< 234.9
Commercial	P0188-MV02-01	P0188-MV02	3/26/2014	10:35	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	231.3	< 231.3
Commercial	P0188-MV03-01	P0188-MV03	3/26/2014	10:40	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	234.9	< 234.9
Commercial	P0189-MV01-01	P0189-MV01	3/27/2014	10:45	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	4	Chrysotile	246.7	986.7
Commercial	P0189-MV02-01	P0189-MV02	3/27/2014	10:50	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	4	Chrysotile	231.3	925.0
Commercial	P0189-MV03-01	P0189-MV03	3/27/2014	10:55	Micro Vac	Asbestos TEM (ASTM D-5755-09)	Field Sample	0	None Detected	246.7	< 246.7

NA = Not Applicable

TEM = Transmission Electron Microscopy

s/cm² = Structures per square centimeter

Table 4: Validated Analytical Data Summary - Comparison of Concentrations Exceeding Action Levels
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property No.	Micro Vac Sample Asbestos Type	Micro Vac Concentration (s/cm ²)	Air Sample Asbestos Type	Air Concentration (s/cc)	Property Construction Materials	Property Construction Year (approximate)	Closest Wipe Sample
P0006	Chrysotile	14280.7 (MV03-01)	Chrysotile	0.02748 (AS01-030414)	Concrete construction, popcorn ceiling, carpet, gypsum board	Not Available	P0006-WP01 Chrysotile: 32200000 str/cm2
			Chrysotile	0.07577(AS03-030414)			
P0069	Chrysotile Actinolite	88800.0 (MV01-01)	Chrysotile Anthophyllite Actinolite	0.00468 (AS01-030614)	Wood construction, vinyl tile	1980	P0010-WP01 Chrysotile: 116000 str/cm2
	Chrysotile Actinolite Amosite	15310.3 (MV02-01)	Chrysotile Actinolite	0.00093 (AS02-030614)			
	Chrysotile Actinolite	5613.8 (MV03-01)					
P0058	Chrysotile	11737.9 (MV01-01)	NAAL	NAAL	Wood construction, wooden ceiling, vinyl tile	Not Available	P0010-WP01 Chrysotile: 116000 str/cm2
P0008 (Commercial)	Chrysotile	8140.0 (MV01-01)	Chrysotile Anthophyllite	0.0038 (AS01-030814)	Hardware store, wood construction, vinyl tile, popcorn ceiling	1967	P0008-WP01 Chrysotile: 470000 str/cm2
	Chrysotile	18372.4 (MV02-01)	Chrysotile	0.03455 (AS02-030814)			
	Chrysotile	114171.4 (MV03-01)	Chrysotile	0.00554 (AS03-030814)			
P0008 (Residential)	Chrysotile	12728000.0 (MV04-01)	Chrysotile	0.2097 (AS04-031014)	Concrete construction, ceramic tile, on-going construction	1970	P0008-WP01 Chrysotile Asbestos: 470000 str/cm2
	Chrysotile	5452.6 (MV05-01)	Chrysotile	0.5299 (AS05-031014)			
	Chrysotile	38480.0 (MV06-01)	Chrysotile	0.1053 (AS06-031014)			
P0051	Chrysotile	8880.0 (MV02-01)	NAAL	NAAL	Concrete construction, ceramic tile	2002	P0007-WP01 Chrysotile: <145000 str/cm2
	Chrysotile	6012.5 (MV03-01)					
P0007	Chrysotile	8692.1 (MV03-01)	NAAL	NAAL	Wood construction, vinyl tile	1984	P0007-WP01 Chrysotile: <145000 str/cm2
P0067B	Chrysotile	20473.3 (MV02-01)	NAAL	NAAL	Concrete construction, ceramic floor tile	1964	P0010-WP01 Chrysotile: 116000 str/cm2
	Chrysotile	8633.3 (MV03-01)					
P0067A	Chrysotile	16444.4 (MV01-01)	NAAL	NAAL	Concrete construction, ceramic floor tile	1999	P0010-WP01 Chrysotile: 116000 str/cm2
P0056A	Chrysotile	14280.7 (MV02-01)	NAAL	NAAL	Concrete construction, ceramic floor tile	Not Available	P0008-WP01 Chrysotile: 470000 str/cm2

Table 4: Validated Analytical Data Summary - Comparison of Concentrations Exceeding Action Levels
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014

Property No.	Micro Vac Sample Asbestos Type	Micro Vac Concentration (s/cm ²)	Air Sample Asbestos Type	Air Concentration (s/cc)	Property Construction Materials	Property Construction Year (approximate)	Closest Wipe Sample
P0005	Chrysotile Actinolite	8140.0 (MV02-01)	NAAL	NAAL	Wood construction, vinyl tile, ceiling panels	Not Available (Trailer)	P0005-WP01 Chrysotile: 8730000 str/cm2
P0186	Chrysotile	93425.0 (MV01-01)	Chrysotile	0.00309 (AS02-032714)	Tire Shop (old gas station), concrete construction, concrete floor	1982	No wipe samples were collected near this property
P0187	Chrysotile	7789.5 (MV03-01)	NAAL	NAAL	West Indies Engineering Corp, concrete floor, wood panel walls, ceiling tiles (insulation sampled- was non-detect)	1964	No wipe samples were collected near this property
P0049	NAAL	NAAL	Chrysotile	0.00466 (AS02-032514)	Wood construction, ceramic tile	1980	P0009-WP01 Chrysotile: 485000 str/cm2

NAAL - Not Above Action Level

Highlighted samples collected from commercial properties.

Closest wipe sample column - Data from previous sampling events

ATTACHMENT C

Table 5: Sample Dispatch Information Table
Chain of Custody Records and FedEx Airbill

Table 5: Sample Dispatch Information Table
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico

Chain of Custody (COC)	FedEx Airbill No.	Date Shipped	Sample type
2-030514-142736-0021	8050 5987 1629	3/5/2014	Six air samples, one lot blank and one field blank
2-030514-143815-0022			Six micro vac samples, one lot blank and one field blank
2-030614-131636-0023	8050 5987 0173	3/6/2014	Three air samples
2-030614-131902-0024			Three micro vac samples
2-030714-125911-0026	8050 9885 7600	3/7/2014	Six air samples
2-030714-125913-0027			Six micro vac samples
2-031014-111810-0028	8050 5982 1646	3/10/2014	Nine air samples and one field blank
2-031014-112158-0029			Nine micro vac samples and one field blank
2-031114-112802-0031	8050 5982 1565	3/11/2014	Six air samples
2-031114-112923-0032			Six micro vac samples
2-031214-124554-0033	8050 5982 1587	3/12/2014	Six air samples and one lot blank
2-031214-124740-0034			Six micro vac samples and one lot blank
2-031314-083644-0035	8050 5982 1598	3/13/2014	Six air samples and one field blank
2-031314-083702-0036			Six micro vac samples and one field blank
2-031414-123018-0037	8050 5982 1624	3/14/2014	Six air samples
2-031414-123221-0038			Six micro vac samples
2-031714-132757-0039	8050 5982 1657	3/17/2014	12 air samples
2-031714-132944-0040			12 micro vac samples
2-031914-111710-0041	8050 5982 1006	3/19/2014	Six air samples and one field blank
2-031914-111812-0042			Six micro vac samples and one field blank
2-032014-111142-0043	8050 5981 8260	3/20/2014	Three air samples
2-032014-111349-0044			Three micro vac samples
2-032414-131848-0045	8050 5981 8271	3/24/2014	Three air samples
2-032414-132026-0046			Three micro vac samples
2-032514-124456-0048	8050 5981 8293	3/25/2014	Six air samples
2-032514-124807-0049			Six micro vac samples
2-032614-130037-0050	8050 5981 9532	3/26/2014	Six air samples and one field blank
2-032614-130240-0051			Six micro vac samples and one field blank
2-032714-112056-0053	8050 5981 9705	3/27/2014	Six air samples
2-032714-112206-0054			Nine micro vac samples
2-032814-101327-0055	8050 5982 1602	3/28/2014	Three air samples
2-032814-101418-0056			Three micro vac samples

No: 2-030514-142736-0021

Lab: Batta Environmental Associates, Inc.

RFP# 279

Special Instructions: 24 Hour YAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
--	--

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all analyzed	April Peltier RST	3/5/14 1600	Bonnie Mei Zang USDOH/DOH	3/14/14 0835	

[Signature]

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all analyses	Jed Petty RST2	3/6/14 1430	Bonnie The Bama University	3/14/14 0948	

Lab Phone: 302-737-3376

John D. Smith

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

7/182/50
161000

USEPA

Date Shipped: 3/10/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0028 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-031014-111810-0028

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Volume	Vol Units	Lab QC	Start Time	Stop Time
8673	FB-A-030814	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/8/2014	08:10	1	MCE Cassette	None		Liters	N	8:10:00 AM	8:10:00 AM
874	P0008-AS01-030814	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/8/2014	14:30	1	MCE Cassette	None	3686.4	Liters	N	8:30:00 AM	2:30:00 PM
875	P0008-AS02-030814	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/8/2014	14:30	1	MCE Cassette	None	3636	Liters	N	8:30:00 AM	2:30:00 PM
876	P0008-AS03-030814	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/8/2014	14:30	1	MCE Cassette	None	3688.2	Liters	N	8:30:00 AM	2:30:00 PM
877	P0057-AS01-030714	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/7/2014	15:00	1	MCE Cassette	None	3650.4	Liters	N	9:00:00 AM	3:00:00 PM
878	P0057-AS02-030714	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/7/2014	15:00	1	MCE Cassette	None	3733.2	Liters	N	9:00:00 AM	3:00:00 PM
879	P0057-AS03-030714	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/7/2014	15:00	1	MCE Cassette	None	3697.2	Liters	N	9:00:00 AM	3:00:00 PM
880	P0058-AS01-030714	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/7/2014	16:15	1	MCE Cassette	None	3686.4	Liters	N	10:15:00 AM	4:15:00 PM
881	P0058-AS02-030714	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/7/2014	16:15	1	MCE Cassette	None	3636	Liters	N	10:15:00 AM	4:15:00 PM
882	P0058-AS03-030714	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/7/2014	16:15	1	MCE Cassette	None	3602.88	Liters	N	10:15:00 AM	4:15:00 PM
<i>Joel Petty</i>													

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
<i>all samples</i>	<i>Joel Petty RST2</i>	<i>3/10/14 1330</i>	<i>Bernie Mos Batta Laboratories</i>	<i>3/11/14 @ 1010</i>	
<i>all analyses</i>					

Lab Phone: 302-737-3376

Contact Phone: 732-570-4943

Special Instructions: 24 Hour TAT Preliminary Data, Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all employees	Jed Petty P. S. T. 2	9/12/14 1400	Bonnie Ann Barron LABORATORIES	9/11/14 0830	

Page 1 of 1

USEPA

Date Shipped: 3/13/2014

RFP# 279

CHAIN OF CUSTODY RECORD

No: 2-031314-083644-0035

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Volume	Vol Units	Lab QC	Start Time	Stop Time
18-161p	FB-A-031214	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/12/2014	08:06	1	MCE Cassette	None		Liters	N	8:06:00 AM	8:06:00 AM
011	P0054-AS01-031214	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/12/2014	14:45	1	MCE Cassette	None	3775.69	Liters	N	8:30:00 AM	2:45:00 PM
012	P0054-AS02-031214	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/12/2014	14:45	1	MCE Cassette	None	3901.88	Liters	N	8:30:00 AM	2:45:00 PM
013	P0054-AS03-031214	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/12/2014	14:45	1	MCE Cassette	None	3853.13	Liters	N	8:30:00 AM	2:45:00 PM
014	P0055-AS01-031214	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/12/2014	15:10	1	MCE Cassette	None	3776.4	Liters	N	9:10:00 AM	3:10:00 PM
015	P0055-AS02-031214	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/12/2014	15:10	1	MCE Cassette	None	3661.2	Liters	N	9:10:00 AM	3:10:00 PM
016	P0055-AS03-031214	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/12/2014	15:10	1	MCE Cassette	None	3690	Liters	N	9:10:00 AM	3:10:00 PM
<i>Joel Petty</i>													

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
<i>all samples analyzed</i>	<i>Joel Petty RST2</i>	<i>3/13/14 1430</i>	<i>Battle M. Batta Environmental Associates</i>	<i>3/11/14 0917</i>	

Lab Phone: 302-737-3376

Q. 100

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all analyses	Paul P. [Signature] RST	3/14/14 14:00	Mr. [Signature] [Organization]	3/14/14 14:00	

USEPA

Date Shipped: 3/17/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-031714-132757-0039

Coder #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Volume	Vol Units	Lab QC	Start Time	Stop Time
1872-10	P0056A-AS01-031514	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/15/2014	15:00	1	MCE Cassette	None	3814.2	Liters	N	9:00:00 AM	3:00:00 PM
2-11	P0056A-AS02-031514	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/15/2014	15:00	1	MCE Cassette	None	3640.14	Liters	N	9:00:00 AM	3:00:00 PM
2-12	P0056A-AS03-031514	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/15/2014	15:00	1	MCE Cassette	None	3639.6	Liters	N	9:00:00 AM	3:00:00 PM
2-13	P0056B-AS01-031414	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/14/2014	12:00	1	MCE Cassette	None	3675.6	Liters	N	6:00:00 AM	12:00:00 PM
2-14	P0056B-AS02-031414	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/14/2014	12:00	1	MCE Cassette	None	3751.2	Liters	N	6:00:00 AM	12:00:00 PM
2-15	P0056B-AS03-031414	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/14/2014	12:00	1	MCE Cassette	None	3825	Liters	N	6:00:00 AM	12:00:00 PM
2-16	P0067A-AS01-031414	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/14/2014	12:40	1	MCE Cassette	None	3718.8	Liters	N	6:40:00 AM	12:40:00 PM
2-17	P0067A-AS02-031414	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/14/2014	12:40	1	MCE Cassette	None	3704.4	Liters	N	6:40:00 AM	12:40:00 PM
2-18	P0067A-AS03-031414	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/14/2014	12:40	1	MCE Cassette	None	3727.8	Liters	N	6:40:00 AM	12:40:00 PM
2-19	P0074-AS01-031514	Asbestos PCM (NIOSH 7400) and TEM NIOSH 7402	Air	3/15/2014	14:00	1	MCE Cassette	None	3771	Liters	N	8:00:00 AM	2:00:00 PM

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huerfias@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all analyses	Joel Petty RST2	3/17/14 1530	Bonnie M. Batta Batta Environmental Associates	3/18/2014	

CHAIN OF CUSTODY RECORD

Site #: 0029-0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-032014-111142-0043

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

[illegible]

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joei.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

**SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #**

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all analyses	Joe Petty RSTO	3/26/14 1400	Bonnie Mc Bonnie Mc	3/21/14 0940	

No: 2-032414-131848-0045

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

[illegible]

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

SAMPLES TRANSFERRED FROM	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all analyses	Jeff Petty RST2	3/24/14 1430	Bonnie Mc [illegible]	3/28/14 0940	

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USEPA

Date Shipped: 3/25/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site # 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-032514-124456-0048

Corder #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Volume	Vol Units	Lab QC	Start Time	Stop Time
78-156	P0004-AS01-032414	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/24/2014	15:50	1	MCE Cassette	None	3717	Liters	N	9:50:00 AM	3:50:00 PM
68	P0004-AS02-032414	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/24/2014	15:50	1	MCE Cassette	None	3717	Liters	N	9:50:00 AM	3:50:00 PM
69	P0004-AS03-032414	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/24/2014	15:50	1	MCE Cassette	None	3738.6	Liters	N	9:50:00 AM	3:50:00 PM
70	P0079-AS01-032412	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/24/2014	14:30	1	MCE Cassette	None	3693.6	Liters	N	8:30:00 AM	2:30:00 PM
71	P0079-AS02-032414	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/24/2014	14:30	1	MCE Cassette	None	3655.8	Liters	N	8:30:00 AM	2:30:00 PM
72	P0079-AS03-032414	Asbestos PCM (NIOSH 7400) and TEM (NIOSH 7402)	Air	3/24/2014	14:30	1	MCE Cassette	None	3648.6	Liters	N	8:30:00 AM	2:30:00 PM
<i>Joel Petty</i>													

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com	
SAMPLES TRANSFERRED FROM	
CHAIN OF CUSTODY #	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all analyses	<i>Joel Petty</i> RST2	3/25/14 13:30	<i>Bonnie M. Batta</i> Batta Environmental Associates	3/26/14 09:30	

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USEPA

Date Shipped: 3/5/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-030514-143815-0022

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
SS49	FB-B-030414	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Blank	3/4/2014	08:16	1	MCE Cassette	None				N
SS50	LB-B-030414	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Blank	3/4/2014	08:15	1	MCE Cassette	None				N
SS51	P0006-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/4/2014	09:50	1	MCE Cassette	None	10	10	cm	N
SS52	P0006-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/4/2014	09:53	1	MCE Cassette	None	10	10	cm	N
SS53	P0006-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/4/2014	09:56	1	MCE Cassette	None	10	10	cm	N
SS54	P0047-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/4/2014	11:05	1	MCE Cassette	None	10	10	cm	N
SS55	P0047-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/4/2014	11:08	1	MCE Cassette	None	10	10	cm	N
SS56	P0047-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/4/2014	11:11	1	MCE Cassette	None	10	10	cm	N

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples analyzed	Joel Petty RST	3/5/14 1600	Bonnie Mc. Batta Laboratories, Inc.	3/11/14 955	

CHAIN OF CUSTODY RECORD

No: 2-030614-131902-0024

USEPA

DateShipped: 3/6/2014

Site #: 0029 - 0122

RFP# 279

Contact Name: Joef Petty

Cooler #: 1

Lab: Bafta Environmental Associates, Inc.

Contact Phone: 732-570-4943

[illegible]

**SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #**

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all handkerchiefs	Jed Petty RSTZ	3/6/14 1430	Ronie Mc: Bama University	3/11/14 0948	

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USEPA

Date Shipped: 3/7/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-030714-125913-0027

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
786623	P0009-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/6/2014	08:53	1	MCE Cassette	None	10	10	cm	N
24	P0009-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/6/2014	08:56	1	MCE Cassette	None	10	10	cm	N
25	P0009-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/6/2014	09:00	1	MCE Cassette	None	10	10	cm	N
26	P0069-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/6/2014	09:40	1	MCE Cassette	None	10	10	cm	N
27	P0069-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/6/2014	09:45	1	MCE Cassette	None	10	10	cm	N
28	P0069-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/6/2014	09:50	1	MCE Cassette	None	10	10	cm	N
<i>Joel Petty</i>													

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
<i>all samples analyzed</i>	<i>Joel Petty RST2</i>	<i>3/7/14 1400</i>	<i>Bo Li</i>	<i>02/08/14</i>	<i>Acceptable</i>

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USEPA

Date Shipped: 3/10/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-031014-112158-0029

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
186883	FB-B-030814	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Blank	3/8/2014	08:12	1	MCE Cassette	None				N
186884	P0008-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/8/2014	08:21	1	MCE Cassette	None	10	10	cm	N
186885	P0008-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/8/2014	08:24	1	MCE Cassette	None	10	10	cm	N
186886	P0008-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/8/2014	08:27	1	MCE Cassette	None	10	10	cm	N
186887	P0057-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/7/2014	09:50	1	MCE Cassette	None	10	10	cm	N
186888	P0057-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/7/2014	09:53	1	MCE Cassette	None	10	10	cm	N
186889	P0057-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/7/2014	09:56	1	MCE Cassette	None	10	10	cm	N
186890	P0058-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/7/2014	08:35	1	MCE Cassette	None	10	10	cm	N
186891	P0058-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/7/2014	08:38	1	MCE Cassette	None	10	10	cm	N
186892	P0058-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/7/2014	08:41	1	MCE Cassette	None	10	10	cm	N

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Special Instructions: 24 Hour TAT Preliminary Data, Email results to Carlos.Huerfias@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples analyzed	Joel Petty BETA	3/10/14 1230	Bernie Mc: BETA LABORATORIES	3/11/14 1040	

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USEPA

Date Shipped: 3/11/2014
RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-031114-112923-0032

Cooler #: 1

Lab: Batt Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
913	P0008-MV04-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/10/2014	09:00	1	MCE Cassette	None	10	10	cm	N
914	P0008-MV05-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/10/2014	09:05	1	MCE Cassette	None	10	10	cm	N
915	P0008-MV06-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/10/2014	09:10	1	MCE Cassette	None	10	10	cm	N
916	P0076-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/10/2014	08:05	1	MCE Cassette	None	10	10	cm	N
917	P0076-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/10/2014	08:08	1	MCE Cassette	None	10	10	cm	N
918	P0076-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/10/2014	08:11	1	MCE Cassette	None	10	10	cm	N
<i>Joel Petty</i>													

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Hurtas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples all analyses	<i>Joel Petty</i> Batt Laboratories	3/11/14 1400	<i>Bonnie Mei Batt Laboratories</i>	3/11/14 1430	

USEPA

Date Shipped: 3/12/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-031214-124740-0034

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
131004	LB-B-031114	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Blank	3/11/2014	08:05	1	MCE Cassette	None				N
131005	P0007-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/11/2014	08:40	1	MCE Cassette	None	10	10	cm	N
131006	P0007-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/11/2014	08:45	1	MCE Cassette	None	10	10	cm	N
131007	P0007-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/11/2014	08:50	1	MCE Cassette	None	10	10	cm	N
131008	P0051-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/11/2014	10:00	1	MCE Cassette	None	10	10	cm	N
131009	P0051-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/11/2014	10:05	1	MCE Cassette	None	10	10	cm	N
131010	P0051-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/11/2014	10:10	1	MCE Cassette	None	10	10	cm	N
<i>Joel Petty</i>													

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples analyzed	<i>Joel Petty RST</i>	3/12/14 1400	<i>Mr. Batta Laboratories</i>	3/13/14 @ 0926	

Page 1 of 1

USEPA

Date Shipped: 3/13/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-031314-083702-0036

Cedar #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
11063	P0054-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/12/2014	08:15	1	MCE Cassette	None	10	10	cm	N
11064	P0054-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/12/2014	08:20	1	MCE Cassette	None	10	10	cm	N
11065	P0054-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/12/2014	08:25	1	MCE Cassette	None	10	10	cm	N
11066	P0055-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/12/2014	08:50	1	MCE Cassette	None	10	10	cm	N
11067	P0055-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/12/2014	08:55	1	MCE Cassette	None	10	10	cm	N
11068	P0055-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/12/2014	09:00	1	MCE Cassette	None	10	10	cm	N
11069	FB-B-031214	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Blank	3/12/2014	08:07	1	MCE Cassette	None				N
<i>Joel Petty</i>													

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples attached to JRP/PTG RST2	<i>Joel Petty</i>	3/13/14 14:30	<i>Mr. Batta</i>	3/14/14 09:17	

No: 2-031414-123221-0038

Lab Phone: 302-737-3376

[illegible]

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples will analyze	Jewel Petty RST-2	3/14/14 WCO	Bonnie M. Banta WFO/DOCS	3/14 @ 1042	

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USEPA

Date Shipped: 3/17/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-031714-132944-0040

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
228	P0056A-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/15/2014	08:43	1	MCE Cassette	None	10	10	cm	N
229	P0056A-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/15/2014	08:47	1	MCE Cassette	None	10	10	cm	N
230	P0056A-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/15/2014	08:53	1	MCE Cassette	None	10	10	cm	N
231	P0056B-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/14/2014	05:25	1	MCE Cassette	None	10	10	cm	N
232	P0056B-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/14/2014	05:30	1	MCE Cassette	None	10	10	cm	N
233	P0056B-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/14/2014	05:35	1	MCE Cassette	None	10	10	cm	N
234	P0067A-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/14/2014	06:25	1	MCE Cassette	None	10	10	cm	N
235	P0067A-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/14/2014	06:30	1	MCE Cassette	None	10	10	cm	N
236	P0067A-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/14/2014	06:35	1	MCE Cassette	None	10	10	cm	N
237	P0074-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/15/2014	07:45	1	MCE Cassette	None	10	10	cm	N

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
228-237 samples all analyses	Joel Petty RST2	3/17/14 1530	Bonnie Marie Batta Laboratories	3/18/14 0943	

CHAIN OF CUSTODY RECORD

No: 2-031714-132944-0040

USEA

DateShipped: 3/17/2014

Site #: 0029 - 0122

RF# 279

Contact Name: Joel Petty

Contact Phone: 732-570-4943

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

[illegible]

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huerfias@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all sample cell analysis	Joe Plety RST	3/17/14 1530	Bonnie McFarra LABORATORIES	3/18/14 0943	

Lab Phone: 302-737-3376

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all pounds all languages	Jared Petty RST2	3/19/14 1500	Bernie Mc Barra Barra Barra	3/19/14 0048	

Lab Phone: 302-737-3376

Paul P. P. P.

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

will analyze

Quell Betrag

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Pettit@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

all remarks
all analysis

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USEPA

Date Shipped: 3/25/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-032514-124807-0049

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
781650	P0004-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/24/2014	09:35	1	MCE Cassette	None	10	10	cm	N
6411	P0004-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/24/2014	09:40	1	MCE Cassette	None	10	10	cm	N
6412	P0004-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/24/2014	09:45	1	MCE Cassette	None	10	10	cm	N
6413	P0079-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/24/2014	08:15	1	MCE Cassette	None	10	10	cm	N
6414	P0079-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/24/2014	08:20	1	MCE Cassette	None	10	10	cm	N
6415	P0079-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/24/2014	08:25	1	MCE Cassette	None	10	10	cm	N
<i>Joel Petty</i>													

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbady@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Asbestos Asbestos	<i>Joel Petty RST</i>	3/25/14 1330	<i>Bonnie Mc</i>	3/26/14 0930	

USEPA

Date Shipped: 3/26/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-032614-130240-0051

Cooler #: 1

Lab: Batta Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
78742	FB-B-032514	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Blank	3/25/2014	08:16	1	MCE Cassette	None				N
743	P0005-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/25/2014	08:45	1	MCE Cassette	None	10	10	cm	N
744	P0005-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/25/2014	08:50	1	MCE Cassette	None	10	10	cm	N
745	P0005-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/25/2014	08:55	1	MCE Cassette	None	10	10	cm	N
746	P0049-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/25/2014	09:45	1	MCE Cassette	None	10	10	cm	N
747	P0049-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/25/2014	09:50	1	MCE Cassette	None	10	10	cm	N
748	P0049-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/25/2014	09:55	1	MCE Cassette	None	10	10	cm	N
<i>Joel Petty</i>													

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
<i>all samples all analyses</i>	<i>Joel Petty RST2</i>	<i>3/26/14 1400</i>	<i>Bonnie McNamee</i>	<i>3/26/14 1000</i>	

USEPA

Date Shipped: 3/27/2014

RFP# 279

CHAIN OF CUSTODY RECORD

Site #: 0029 - 0122

Contact Name: Joel Petty

Contact Phone: 732-570-4943

No: 2-032714-112206-0054

Cooler #: 1

Lab: Batt Environmental Associates, Inc.

Lab Phone: 302-737-3376

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	Area Width	Area Length	Vol Units	Lab QC
7847	P0186-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/26/2014	08:45	1	MCE Cassette	None	10	10	cm	N
848	P0186-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/26/2014	08:50	1	MCE Cassette	None	10	10	cm	N
849	P0186-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/26/2014	08:55	1	MCE Cassette	None	10	10	cm	N
850	P0187-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/26/2014	09:45	1	MCE Cassette	None	10	10	cm	N
851	P0187-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/26/2014	09:50	1	MCE Cassette	None	10	10	cm	N
852	P0187-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/26/2014	09:55	1	MCE Cassette	None	10	10	cm	N
853	P0188-MV01-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/26/2014	10:30	1	MCE Cassette	None	10	10	cm	N
854	P0188-MV02-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/26/2014	10:35	1	MCE Cassette	None	10	10	cm	N
855	P0188-MV03-01	Asbestos TEM (ASTM D-5755-09)	Microvacuum	Grab	3/26/2014	10:40	1	MCE Cassette	None	10	10	cm	N
<i>Joel Petty</i>													

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Special Instructions: 24 Hour TAT Preliminary Data. Email results to Carlos.Huertas@WestonSolutions.com, Joel.Petty@WestonSolutions.com, and S.Sumbaly@WestonSolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
<i>all samples all analyses Joel Petty RST</i>	<i>3/27/14 1300 Bonnie Mei Bona</i>	<i>3/27/14 1300</i>	<i>3/27/14 1300</i>	<i>3/27/14 1300</i>	

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EXPRESS

International Air Waybill

For FedEx services see website.

1 From Please print and press hard. Sender's FedEx Account Number 316/14 Date 3/6/14

Sender's Name Joel Petty Phone 732-570-4943

Company Western Solutions

Address 700 Europa Street

Address Fernandez Juncos Corner, Suite 206

City Santurce State Province PR

Country USA ZIP Postal Code 00910

2 To Recipient's Name Neeraj Batia Phone 302-737-3376

Company Batta Environmental Associates

Address 6 Garfield Way

Address Delaware Industrial Park

City Newark State Province DE

Country USA ZIP Postal Code 19713

3 Shipment Information

Total Packages 1 Total Weight 1 US Lb 14.00 Kg 6.35

Commodity Description Environmental Samples

Harmonized Code 9901

Country of Manufacture USA

Value for Customs 0

Has EEL been filed in AES? ☒ No EEL required values \$2,500 or less per S.I. B Number: 0

For EEL required only: provide date and identify required (N) and subject to (P) 0

Is EEL required, enter exception number: 0

Yes - Enter AES print of filing station.

4 Express Package Service ☒ FedEx Intl Priority ☐ FedEx Intl First ☐ FedEx Intl Economy ☐ FedEx Intl Priority ☐ FedEx Intl Economy ☐ FedEx Intl Priority ☐ FedEx Intl Economy

5 Packaging ☐ FedEx Envelope ☐ FedEx Box ☒ FedEx Tube ☐ Other ☐ FedEx 10kg Box ☐ FedEx 25kg Box

6 Special Handling ☐ HOLD at FedEx location ☐ SATURDAY Delivery ☐ Special Handling

7 Payment ☐ Bill transportation charges to: ☐ Sender Acct No. ☐ Recipient ☐ Third Party ☐ Cash ☐ Check ☐ Credit Card ☐ FedEx Use Only

8 Your Internal Billing Reference 402356103

9 Required Signature ☒ Signature ☐ Signature ☐ Signature

For Completion Instructions, see back of fifth page.

8050 5987 0173

568

0402

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EXPRESS for FedEx services worldwide.

1 From Please print and press hard. Sender's FedEx Account Number **317144** Phone **732-570-4943**

Sender's Name **Joe Petty**

Company **Weston Solutions**

Address **700 Europa Street**

Address **Fernandez Juarez Corner, Suite 206**

City **Santurce** State **PR**

Country **USA** ZIP Postal Code **00910**

2 To Recipient's Name **Neeraj Batia** Phone **302-737-3376**

Company **Batia Environmental Associates**

Address **6 Garfield Way**

Address **Delaware Industrial Park**

City **Newark** State **DE**

Country **USA** ZIP Postal Code **19713**

Recipient's Tax ID Number for Customs Purposes **00910**

3 Shipment Information

Total Packages **1** Total Weight **1** **kg** **in** **cm**

Commodity Description **Environmental Samples**

Country of Manufacture **USA**

Value for Customs **0**

Has EED been filed in AES? **X** No EED required, value \$2500 or less per Sch. B Number. For U.S. Export only. Check box for U.S. Export only. (If not checked, no EED required.)

Has EED been filed in AES? **X** No EED required, value \$2500 or less per Sch. B Number. For U.S. Export only. Check box for U.S. Export only. (If not checked, no EED required.)

Has EED been filed in AES? **X** No EED required, value \$2500 or less per Sch. B Number. For U.S. Export only. Check box for U.S. Export only. (If not checked, no EED required.)

4 Express Package Service

☒ FedEx Int. Priority ☐ FedEx Int. First ☐ FedEx Int. Economy

5 Packaging

☐ FedEx Envelope ☐ FedEx Pak ☒ FedEx Box ☐ FedEx Tube

6 Special Handling

☐ HOLD at FedEx Location ☒ SATURDAY Delivery

7 Payment

Bill transportation charges to:

Sender ☐ Recipient ☒ Third Party ☐ Cash

Sender's Account No. **400356103**

Card Card No. **400356103**

8 Your Internal Billing Reference **7123**

9 Required Signature

Signature: **Joe Petty**

For Completion Instructions, see back of fifth page.

Form ID No. **0402**

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NET 1500 lbs. Gross Wt. PRINTED IN U.S.A. 0402



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3 Shipment Information <input type="checkbox"/> For BUL only: tick here if goods are not in free circulation and provide E.U. Supplier's local address: _____ Total Packages 1 Total Weight 2 kg 0 in 0 COMSULAC _____ DIM _____		Value for Customs _____ Country of Manufacture USA	
Commodity Description Environmental Samples		Harmonized Code _____	
Has AEE been filed in AEE? <input checked="" type="checkbox"/> For U.S. Exporting: Check box _____ <input type="checkbox"/> No AEE required, enter exemption number: _____		Total Declared Value for Carriage 0	
<input type="checkbox"/> Yes - Enter AEE proof of filing checkbox: _____		Total Value for Customs 0	

9 **Required Signature**

Use of this Air Waybill constitutes your agreement to the Conditions of Contract on the back of this Air Waybill, and you represent that this document does not require a U.S. State Department license or position for export. It is your responsibility to obtain any necessary export license for the export of any controlled or dangerous goods. Certain international treaties, including the Warsaw Convention, govern the carriage of goods by air. These conventions, treaties, and laws may be found in the Conditions of Contract. Notwithstanding these conventions, treaties, and laws, we warrant that the United States in accordance with Export Administration Regulations, this carriage is not prohibited.

Sender's Signature: *David Peters*

This is not a subscription to deliver the subject goods without a recipient's signature.

949T 2865 0508

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NOTES

FedEx® International Air Waybill

Express

1 From Please print and press hard. Sender's FedEx Account Number 3113/14

Sender's Name Joe L Pety Phone 732-570-4943

Company Western Solutions

Address 700 Europa Street

Address Fernandez Junior Corner, Suite 206

City SAN JUAN State PR

Country USA ZIP Postal Code 00910

2 To Recipient's Name Neeraj Batta Phone 302-737-3376

Company Batta Environmental Associates

Address 6 Cartfield Way

Address Delaware Industrial Park

City Newark State DE

Country USA ZIP Postal Code 19713

Recipient's Tax ID Number for Customs Purposes 21-6516020121212121

3 Shipment Information For EU only: Tick here if goods are not in free circulation and provide C.I. ☐

Total Packages 1 Total Weight 1 lbs. 0 oz. DIM 1 1 1 in. 0 cm

Commodity Description	Harmonized Code	Country of Manufacture	Value for Customs
Environmental Samples		USA	0

Has ESI been filed in AES? ☒ No ESI required. Value \$500 or less per Sh. # Number. For ESI: Check only: Sh. # Number, Item #, and value for ESI. ☐ Yes ESI required, enter exemption number: ☐ Yes - Enter AES proof of filing date: ☐

4 Express Package Service ☒ FedEx Intl. Priority ☐ FedEx Intl. First ☐ International Express Service

☐ ☐ ☐ ☐ FedEx Intl. Economy ☐ FedEx Express and FedEx Pak ☐ (SEE THE ENVELOPE)

5 Packaging ☐ FedEx Envelope ☐ FedEx Pak ☒ FedEx Box ☐ FedEx Tube ☐ Other ☐ FedEx 10kg Box* ☐ FedEx 25kg Box*

6 Special Handling ☐ HOLD at FedEx Location ☐ SATURDAY Delivery Available in select locations for FedEx Intl. Priority only.

7 Payment Bill transportation charges to: ☐ Enter FedEx Acct. No. or Credit Card No. below. ☐ Recipient ☒ Third Party ☐ Cash ☐ Check/Check Card ☐ FedEx Use Only

Sender's Acct. No. 402356103

Sender's Name Joe L Pety

FedEx Acct. No. 402356103

8 Your Internal Billing Reference 7103

9 Required Signature Use of the Air Waybill constitutes your agreement to the Conditions of Contract on the back of this Air Waybill, and you represent that the shipment does not require a U.S. State Department license or contain dangerous goods. Consent to international treaties, including the Warsaw Convention, may apply to this shipment and our liability for damage, loss, or delay, as described in the Conditions of Contract. Without these provisions, technology, or software were exported from the United States in accordance with Export Administration Regulations, a U.S. law is violated.

Sender's Signature: Joe L Pety

This is not valid unless signed by the shipper without a recipient signature.

For Completion Instructions, see back of fifth page.

FedEx Tracking Number: **8050 5982 1587**



The terms and conditions of service apply to the terms and conditions of service for specific shipment. For complete information, visit: www.fedex.com (U.S. only) or www.fedex.com (International).

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0402

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805059821598

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[Track](#)**My Shipments**0
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Track and save tracking results for your next visit to fedex.com

Ship (P/U) date :
Thur 3/13/2014 2:57 pm
SANTURCE, PR
USDelivered
Signed for by: B.MEI
Actual delivery :
Fri 3/14/2014 9:18 am
NEWARK, DE
US**Delivery Options**

This shipment's delivery has been customized by the recipient. Login or Signup for delivery options to edit or cancel the settings. This shipment's delivery has been customized by the recipient. Signup for delivery options to edit or cancel the settings. This shipment's delivery has been customized by the recipient. Add this address to My Profile to edit or cancel the settings. Renew your enrollment to view details or edit this delivery option.

[Travel History](#)

Date/Time	Activity	Location
3/14/2014 - Friday		
9:18 am	Delivered	NEWARK, DE
8:14 am	On FedEx vehicle for delivery	NEW CASTLE, DE
8:09 am	At local FedEx facility	NEW CASTLE, DE
6:39 am	At destination sort facility	PHILADELPHIA, PA
3:41 am	Departed FedEx location	MEMPHIS, TN
12:19 am	Arrived at FedEx location	MEMPHIS, TN
3/13/2014 - Thursday		
6:03 pm	Left FedEx origin facility	PONCE, PR
2:57 pm	Picked up	PONCE, PR

Local Scan Time **Shipment Facts**

Tracking number	805059821598
Weight	0.9 lbs
Delivered To	Receptionist/Front Desk
Total shipment weight	0.9 lbs / 0.41 kgs
Packaging	FedEx Medium Box
Service	FedEx International Priority
Signature services	Indirect signature required
Total pieces	1
Shipper reference	7123
Special handling section	Deliver Weekday, Indirect Signature Required

IMPORTANT!FedEx has now resumed standard daily operations in southern California. [Learn More](#)**Track a Shipment**

805059821657

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0Track and save tracking results for your next visit to [fedex.com](#)Ship (P/U) date :
Mon 3/17/2014 4:03 pm
SANTURCE, PR
USDelivered
Signed for by: B.MEI
Actual delivery :
Tues 3/18/2014 9:42 am
NEWARK, DE
US**Delivery Options**

This shipment's delivery has been customized by the recipient. Login or Signup for delivery options to edit or cancel the settings. This shipment's delivery has been customized by the recipient. Signup for delivery options to edit or cancel the settings. This shipment's delivery has been customized by the recipient. Add this address to My Profile to edit or cancel the settings. Renew your enrollment to view details or edit this delivery option.

[Travel History](#)

Date/Time	Activity	Location
3/18/2014 - Tuesday		
9:42 am	Delivered	NEWARK, DE
8:48 am	On FedEx vehicle for delivery	NEW CASTLE, DE
8:45 am	At local FedEx facility	NEW CASTLE, DE
6:40 am	At destination sort facility	PHILADELPHIA, PA
3:47 am	Departed FedEx location	MEMPHIS, TN
12:37 am	Arrived at FedEx location	MEMPHIS, TN
3/17/2014 - Monday		
6:08 pm	Left FedEx origin facility	PONCE, PR
4:03 pm	Picked up	PONCE, PR

Local Scan Time **Shipment Facts**

Tracking number	805059821657
Weight	2 lbs
Signature services	Indirect signature required
Total pieces	1
Shipper reference	7123
Special handling section	Deliver Weekday, Indirect Signature Required
Service	FedEx International Priority
Dimensions	18x12x3 in.
Delivered To	Receptionist/Front Desk
Total shipment weight	2 lbs / 0.91 kgs
Packaging	FedEx Large Box

IMPORTANT!FedEx has now resumed standard daily operations in southern California. [Learn More](#)**Track a Shipment**

805059818271

☐ Save tracking results[Help](#)

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[Track](#)**My Shipments**0
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Track and save tracking results for your next visit to fedex.com

Ship (P/U) date :
Mon 3/24/2014 2:30 pm
SAN JUAN, PR
USDelivered
Signed for by: B.MEI
Actual delivery :
Tues 3/25/2014 9:39 am
NEWARK, DE
US**Delivery Options**

This shipment's delivery has been customized by the recipient. Login or Signup for delivery options to edit or cancel the settings. This shipment's delivery has been customized by the recipient. Signup for delivery options to edit or cancel the settings. This shipment's delivery has been customized by the recipient. Add this address to My Profile to edit or cancel the settings. Renew your enrollment to view details or edit this delivery option.

[Travel History](#)

Date/Time	Activity	Location
3/25/2014 - Tuesday		
9:39 am	Delivered	NEWARK, DE
8:49 am	On FedEx vehicle for delivery	NEW CASTLE, DE
8:45 am	At local FedEx facility	NEW CASTLE, DE
6:33 am	At destination sort facility	PHILADELPHIA, PA
3:42 am	Departed FedEx location	MEMPHIS, TN
12:25 am	Arrived at FedEx location	MEMPHIS, TN
3/24/2014 - Monday		
6:17 pm	Left FedEx origin facility	PONCE, PR
2:30 pm	Picked up	PONCE, PR

[Local Scan Time](#) [Select](#)**Shipment Facts**

Tracking number 805059818271
Weight 1 lbs
Delivered To Receptionist/Front Desk
Total shipment weight 1 lbs / 0.45 kgs
Packaging FedEx Medium Box
Service FedEx International Priority
Signature services Indirect signature required
Total pieces 1
Shipper reference 7123
Special handling section Deliver Weekday, Indirect Signature Required

FedEx Express

International Air Waybill

For FedEx services worldwide.

1 From Please print and press hard. Sender's FedEx Account Number 3125114

Date 3/25/14

Sender's Name Joe Petty **Phone** 732-570-4943

Company Weston Solutions

Address 700 Europa Street

Address Francoeur Juncos Corner, Suite 206

City Sanjurjo **State** PR

Country USA **ZIP** 00910

2 To **Recipients Name** Neeraj Batta **Phone** 302-737-3376

Company Batta Environmental Associates

Address 6 Garfield Way

Address Delaware Industrial Park

City Newark **State** DE

Country USA **ZIP** 19713

Recipients Tax ID Number for Customs Purposes 65-0519047/INVE/ABR (or as locally required)

3 Shipment Information ☐ For EU only, tick here if goods are not in free circulation and provide E.U. number.

Total Packages 1 **Total Weight** 1 **kg** ☐ **lb** ☐

Commodity Description Environmental Samples **Country of Manufacture** USA **Value for Customs** 0

Harmonized Code 0 **Total Declared Value for Customs** 0

Has EIU been filed in AES? ☒ **USPS required:** use USPS services per EIU 8 Number. For US, EIU required, check flow. **Other:** use IATA, enter IATA Number. **Total Value for Customs** 0

☐ No EIU required, enter commodity number. **Other:** use IATA, enter IATA Number. **Total Value for Customs** 0

☐ Yes - Enter AES profile filing number.

4 Express Package Service ☒ **FedEx Intl. Priority** ☐ **FedEx Intl. First** ☐ **Available to most locations.**

☐ **FedEx Intl. Economy** ☐ **FedEx Europe and Africa** ☐ **Not available.**

5 Packaging ☐ **FedEx Envelope** ☐ **FedEx Pak** ☒ **FedEx Box** ☐ **FedEx Tube** ☐ **Other** ☐ **FedEx 10kg Box** ☐ **FedEx 25kg Box** ☐

Special Handling ☐ **HOLD at FedEx Location** ☐ **SATURDAY Delivery** ☐ **Available to select locations for FedEx and Priority only.**

7 Payment **Bill transportation charges to:** ☐ **Sender (Account No. 402356103)** ☐ **Recipient (Account No. 402356103)** ☐ **Cash** ☐ **Credit Card** ☐ **Check** ☐ **Check/Cheque** ☐ **FedEx Link only**

Companion payment options for both: ☐ **Pay to order of FedEx and Priority only.**

8 Your Internal Billing Reference 402356103

First 16 characters will appear on invoice.

9 Required Signature Joe Petty

Use of this Air Waybill constitutes your agreement to the Conditions of Contract on the back of this Air Waybill, and you represent that the shipment does not require a U.S. State Department license or certain dangerous goods. Certain international treaties, including the Warsaw Convention, may apply to this shipment and limit our liability for damage, loss, or delay as described in the Conditions of Contract. Valuable, hazardous, perishable, or otherwise restricted goods are not permitted. The use of this Air Waybill for the shipment of goods is prohibited.

Sender's Signature: Joe Petty

This is not valid unless signed by the shipper without a recipient signature.

For Completion Instructions, see back of fifth page.

FedEx Tracking Number 8050 5981 8293

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568 **0402**



International Air Waybill

For FedEx services worldwide.

1 From Please print and press hard. Date <u>3/27/14</u> Sender's FedEx Account Number <u>730-570-4943</u> Sender's Name <u>Joe Petty</u> Phone <u>730-570-4943</u> Company <u>Western Solutions</u> Address <u>700 Europa Street</u> <u>Atlanta, Georgia 30308</u> Address <u>Fernandez Jances Corner, Suite 206</u> City <u>Santurce</u> State <u>PR</u> Country <u>USA</u> ZIP Postal Code <u>00910</u>	
2 To Recipient's Name <u>Neeraj Batta</u> Phone <u>302-737-3376</u> Company <u>Batta Environmental Associates</u> Address <u>6 Garfield Way</u> <u>Delaware Industrial Park</u> City <u>Newark</u> State <u>DE</u> Country <u>USA</u> ZIP Postal Code <u>19713</u> Recipient's Tax ID Number for Customs Purposes _____ <small>U.S. BUSINESS IMPORTER OR EX-IMPORTER REQUIRED</small>	
3 Shipment Information <input type="checkbox"/> For EU Only. Tick boxes if goods are worth free circulation and provide C.I. Total Packages <u>1</u> Total Weight <u>1</u> lbs <u>0</u> oz <u>0</u> in. <u>0</u> cm Shipper's Item and Description <u>Environmental Samples</u> Country of Manufacture <u>USA</u> Commodity Description <u>Environmental Samples</u> Value for Customs <u>0</u> Net Weight <u>1</u> lbs <u>0</u> oz <u>0</u> in. <u>0</u> cm Net Content <u>1</u> liter <u>0</u> ml <u>0</u> g <u>0</u> mg	
Has EU label filed in AES? <input checked="" type="checkbox"/> No (EU required, label \$2.00 unless per SEA, B Number) <input type="checkbox"/> Yes (EU required, enter exemption number) Is this a restricted item? <input type="checkbox"/> No <input type="checkbox"/> Yes (EU required, enter exemption number)	

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 New Address: The International Air World, 21, 22, 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000, 10000, 11000, 12000, 13000, 14000, 15000, 16000, 17000, 18000, 19000, 20000, 21000, 22000, 23000, 24000, 25000, 26000, 27000, 28000, 29000, 30000, 31000, 32000, 33000, 34000, 35000, 36000, 37000, 38000, 39000, 40000, 41000, 42000, 43000, 44000, 45000, 46000, 47000, 48000, 49000, 50000, 51000, 52000, 53000, 54000, 55000, 56000, 57000, 58000, 59000, 60000, 61000, 62000, 63000, 64000, 65000, 66000, 67000, 68000, 69000, 70000, 71000, 72000, 73000, 74000, 75000, 76000, 77000, 78000, 79000, 80000, 81000, 82000, 83000, 84000, 85000, 86000, 87000, 88000, 89000, 90000, 91000, 92000, 93000, 94000, 95000, 96000, 97000, 98000, 99000, 100000, 101000, 102000, 103000, 104000, 105000, 106000, 107000, 108000, 109000, 110000, 111000, 112000, 113000, 114000, 115000, 116000, 117000, 118000, 119000, 120000, 121000, 122000, 123000, 124000, 125000, 126000, 127000, 128000, 129000, 130000, 131000, 132000, 133000, 134000, 135000, 136000, 137000, 138000, 139000, 140000, 141000, 142000, 143000, 144000, 145000, 146000, 147000, 148000, 149000, 150000, 151000, 152000, 153000, 154000, 155000, 156000, 157000, 158000, 159000, 160000, 161000, 162000, 163000, 164000, 165000, 166000, 167000, 168000, 169000, 170000, 171000, 172000, 173000, 174000, 175000, 176000, 177000, 178000, 179000, 180000, 181000, 182000, 183000, 184000, 185000, 186000, 187000, 188000, 189000, 190000, 191000, 192000, 193000, 194000, 195000, 196000, 197000, 198000, 199000, 200000, 201000, 202000, 203000, 204000, 205000, 206000, 207000, 208000, 209000, 210000, 211000, 212000, 213000, 214000, 215000, 216000, 217000, 218000, 219000, 220000, 221000, 222000, 223000, 224000, 225000, 226000, 227000, 228000, 229000, 230000, 231000, 232000, 233000, 234000, 235000, 236000, 237000, 238000, 239000, 240000, 241000, 242000, 243000, 244000, 245000, 246000, 247000, 248000, 249000, 250000, 251000, 252000, 253000, 254000, 255000, 256000, 257000, 258000, 259000, 260000, 261000, 262000, 263000, 264000, 265000, 266000, 267000, 268000, 269000, 270000, 271000, 272000, 273000, 274000, 275000, 276000, 277000, 278000, 279000, 280000, 281000, 282000, 283000, 284000, 285000, 286000, 287000, 288000, 289000, 290000, 291000, 292000, 293000, 294000, 295000, 296000, 297000, 298000, 299000, 300000, 301000, 302000, 303000, 304000, 305000, 306000, 307000, 308000, 309000, 310000, 311000, 312000, 313000, 314000, 315000, 316000, 317000, 318000, 319000, 320000, 321000, 322000, 323000, 324000, 325000, 326000, 327000, 328000, 329000, 330000, 331000, 332000, 333000, 334000, 335000, 336000, 337000, 338000, 339000, 340000, 341000, 342000, 343000, 344000, 345000, 346000, 347000, 348000, 349000, 350000, 351000, 352000, 353000, 354000, 355000, 356000, 357000, 358000, 359000, 360000, 361000, 362000, 363000, 364000, 365000, 366000, 367000, 368000, 369000, 370000, 371000, 372000, 373000, 374000, 375000, 376000, 377000, 378000, 379000, 380000, 381000, 382000, 383000, 384000, 385000, 386000, 387000, 388000, 389000, 390000, 391000, 392000, 393000, 394000, 395000, 396000, 397000, 398000, 399000, 400000, 401000, 402000, 403000, 404000, 405000, 406000, 407000, 408000, 409000, 410000, 411000, 412000, 413000, 414000, 415000, 416000, 417000, 418000, 419000, 420000, 421000, 422000, 423000, 424000, 425000, 426000, 427000, 428000, 429000, 430000, 431000, 432000, 433000, 434000, 435000, 436000, 437000, 438000, 439000, 440000, 441000, 442000, 443000, 444000, 445000, 446000, 447000, 448000, 449000, 450000, 451000, 452000, 453000, 454000, 455000, 456000, 457000, 458000, 459000, 460000, 461000, 462000, 463000, 464000, 465000, 466000, 467000, 468000, 469000, 470000, 471000, 472000, 473000, 474000, 475000, 476000, 477000, 478000, 479000, 480000, 481000, 482000, 483000, 484000, 485000, 486000, 487000, 488000, 489000, 490000, 491000, 492000, 493000, 494000, 495000, 496000, 497000, 498000, 499000, 500000, 501000, 502000, 503000, 504000, 505000, 506000, 507000, 508000, 509000, 510000, 511000, 512000, 513000, 514000, 515000, 516000, 517000, 518000, 519000, 520000, 5

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ATTACHMENT D

Photographic Documentation Log

**Photographic Documentation Log
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014**



Photo 1: Air sampling station at property P0078.



Photo 2: Air sampling station at property P0058.

**Photographic Documentation Log
Puerto Rico Olefins Asbestos Site
Peñuelas, Puerto Rico
March 4 through 27, 2014**



Photo 3: Air sampling station at property P0056A.



Photo 4: Air sampling station at property P0186.